

ANNUAL REPORT
OF
THE MINES BRANCH
OF THE
PROVINCE OF ALBERTA
1922



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EDMONTON, FEBRUARY 9, 1923.

TO THE HON. HERBERT GREENFIELD,
Provincial Secretary.

SIR,—I herewith submit the report of The Mines Branch for the
year ending December 31, 1922.

Respectfully submitted,

JOHN T. STIRLING,
Chief Inspector of Mines.

ANNUAL REPORT OF THE MINES BRANCH FOR THE YEAR ENDING DECEMBER 31st, 1922

The total amount of coal produced in the Province during the year was 5,976,432 tons, of which 1,443,942 tons were sold for consumption in the Province of Alberta; 2,021,362 tons in other Provinces in Canada; and 105,514 tons for consumption in the United States; 2,076,291 sold to railroad companies, 30,694 used in making briquettes, 284,128 used under colliery boilers, 28,153 put to stock, and 65,779 tons put on the waste heap. Of this amount 78,407 tons were lifted from stock and 1,024 tons lifted from the waste heap. It will be noted that the importations of coal from the United States to points east of British Columbia in Western Canada show a decrease of 928,985 tons below the importations for the year 1921. It will also be noted that the shipments of coal from Alberta to all the Provinces in Canada, except British Columbia, show an increase over the year 1921.

During the year 1922, 39,327 tons were produced in the Province in excess of what was produced during the year 1921. The largest monthly production was during the month of October, when 926,888 tons of coal were produced, this being the largest output produced during any one month at any time in the Province of Alberta.

Two shale mines and 379 coal mines were in operation during the year 1922; of which 100 mines were opened, 9 re-opened and 44 abandoned during the year. In addition to the mines abandoned, 57 were closed temporarily.

The list of Permitted Explosives was amended during the year, by adding to it the explosives known as Polar Monobel No. 3, Polar Monobel No. 6, Polar Monobel No. 2 and Polar CXL-ITE.

The most serious accident which occurred during the year was at the mine operated by the Yellowhead Coal Company, near Coalspur, by which William Shaw, District Inspector of Mines, E. I. Roberts, Manager of the mine, and Hiram Davis, a miner, lost their lives. On November 24, 1922, a report was received at the Mines Branch that a fire was burning in the workings of this mine and arrangements were made for the Mine Rescue Car to be moved immediately to the mine. Mr. Shaw proceeded to the mine on November 24 to investigate the conditions existing there, and on November 27, 1922, while making an inspection of the underground workings of the mine, along with Mr. Roberts and Mr. Davis, all three men were overcome by carbon monoxide.

Several changes took place in the staff of inspectors during the year 1922, Mr. David Shanks, resigned as District Inspector of Mines on October 15, 1922, to take over the management of the mine operated by the Gibson Collieries, Ltd., and was succeeded by Mr. Duncan McDonald, whose headquarters are at Drumheller; Mr. Thomas Horne, with headquarters at Edson, succeeded Mr. William Shaw, who died as the result of an accident on November 27, 1922. An additional Inspector, Mr. Michael Cranston, with headquarters at Camrose, was also appointed. In addition to the inspections which have been made from time to time of the different mines by the District Inspectors, all fatal and serious accidents have been investigated and all inquests attended.

Several samples of mine air have been taken by the District Inspectors in addition to tests made by them with the Burrell Gas Detectors. These samples have been forwarded to the Department of Mines, at Ottawa, for analysis. A number of samples of coal have also been taken and forwarded to the University of Alberta for analysis, and the results of these analyses will be found by referring to the Third Annual Report of the Advisory Council of Scientific and Industrial Research of Alberta.

There were in use 1,943 safety lamps of the Wolf type, 3,849 electrical portable lamps of the Edison type, 500 of the Wico type, 35 of the Ceag type, 71 of the Canadian General Electric type and 7 of the Oldham type. It will be noted that a considerable increase has taken place in the number of electrical portable lamps being used over previous years.

Eighty-four persons were prosecuted for contraventions of The Mines Act, convictions being obtained in 81 cases; of those prosecuted, twenty-two were workmen, forty-five operators and seventeen officials.

The number of persons employed in mines during the month of December was 12,537, being an increase of 301 over those employed during the month of December, 1921.

Particulars with reference to the work being carried on by the Mines Branch in connection with the extension of the market for coal, will be found by referring to the report of the Fuel Engineer, which is herewith attached.

Further particulars regarding the mining industry in the Province will be found by referring to the attached tables.

REPORT OF FUEL ENGINEER

WINNIPEG, MAN.,

FEBRUARY 8TH, 1923.

SIR,—I beg to report as follows on the work of the Winnipeg Office of the Mines Branch during the year ending December 31st, 1922:—

During January, February, March and April the work started at the commencement of the heating season, in November previous, was continued.

This consisted of personal interviews with dealers and users who called at the office for information and advice during the mornings, and special visits to either during the afternoons; the office being open during the morning and closed at 1 o'clock so that visits might be made.

During the first months of the year the newspaper advertising was continued and considerable work done in the way of editorials and write-ups for the newspapers and trade magazines.

A number of lectures and talks on the proper methods for burning the coals was given at various club luncheons before the close of the heating season.

The newspaper advertising had considerable effect in keeping the irresponsible coal dealers in line, but when this class of advertising was stopped in March, it was noted that much misleading advertising of coal started up again and continued until the close of the season.

During the first three months of the year practical experiments were continued in order to devise a standard set of rules which might be put into force for educational work to the domestic consumer.

These were completed and put into lantern lecture form.

During April the writer attended the Convention of the Western Canada Fuel Dealers' Association at Regina. The lantern lecture which had been prepared was given at this meeting, and as it seemed to fulfil the requirements for educational work, it was requested by the Association that the lecture be published in book form for the education of the dealers and public. The lecture was also given at Moose Jaw to the Fuel Dealers of that city.

The lantern lectures proved such a successful method of putting the subject in understandable form that it was extended and a lecture prepared for firemen and owners of small steam plants. These were shown on several occasions to the engineers and firemen.

Work along this line was continued and requests sent out to all makers of equipment for burning fuel and the auxiliaries for data and descriptions of their particular equipments. The responses to these requests were very satisfactory and much assistance and data rendered. These were made up in lantern slides, and comprise about 250 slides, covering a number of distinct lectures on coal burning equipment and general information. As the need arises a selection of slides is made to suit the class of men to whom the lecture is given. As the slides are all finished in colors they are well received.

The office has also been re-arranged, with a lantern as a permanent fixture. Engineers and others requiring information of any particular nature are readily shown demonstrations which are understandable.

Experiments have also been carried out throughout the year for improvements to the domestic furnaces and boilers. These have been brought to the attention of a number of the manufacturers who have made some of the changes recommended, and have also advised that they will make further improvements as they can conveniently do so.

The lectures have been given to Coal Dealers, Coal Operators, Club Luncheons, Architects, Engineering Institute of Canada, Stationary Engineers, Firemen, Janitors and Furnace Manufacturers.

One of the grounds for complaint from coal dealers and consumers was the lack of standard of preparation and sizing of coals, which led to confusion and loss of business to the dealers and unsatisfactory service to the consumer. The writer brought this to the attention of the Coal Producers at a meeting held in the Legislative Building at Edmonton in July. After much discussion it was decided that in the interest of a permanent market a standard was desirable. A resolution in favor of this was passed. This should be put into effect as soon as possible, if desired to retain the market gained.

Realizing that no reliable literature was available for instructing the user on the particular methods for burning the Alberta Coals, a book was prepared covering the kinds of coal and the methods of burning them efficiently, description of the various domestic heating equipments and their methods of operation. This was printed in colors under the title of "Coal Truths," 10,000 copies. They were distributed free to the coal dealers and producers. As they were an expensive production, and as it was necessary to control their distribution effectively and economically, at the start of the season a price of 25 cents was charged to the coal consumer in Winnipeg for each copy and 75 cents to users outside of Winnipeg. The money so collected was used for advertising the book. This was discontinued early in December, and upon request any person is given one copy free of charge. To the end of the year about 4,500 copies had been distributed. The book was very favorably received, and has many times over repaid the cost of preparation. Requests have been received for it from Universities and Institutions all over the continent and it is being used as a standard work. Some means of advertising to the public that the book is available should be made. It would be profitable.

Pamphlets containing condensed information on the proper method of firing the coal and handling the furnace were also prepared. These were distributed to the public from the office, and also through the coal dealers and furnace manufacturers; about 25,000 in all have been sent out.

A pamphlet was also prepared for the domestic user, called "The Best Coal." This was found necessary to answer the question so often asked, as there are so many classes and kinds of coal, all of which are being burned successfully in all kinds of equipments. The question of the best coal is not a question of heat value, but rather upon the service which the user is prepared to give the fuel in order to get results. The pamphlet stressed this viewpoint and also gave the most suitable sizes of the coals. These pamphlets were distributed direct to the public.

There is no means of obtaining accurate knowledge of the amount of Anthracite burned in Winnipeg, but I should estimate that the season of 1920 and 1921 was about 60 per cent. Anthracite and 40 per cent. soft coal, and that the percentages were reversed during the season of 1921 and 1922. Indications are that the present season will be over 80 per cent. Alberta Coal.

A considerable tonnage of Anthracite was left over at the docks from the season ending March, and not more than 35,000 tons was received this year. The prices have been kept high and the quality is much lower than heretofore. From the number of requests by the public for advice in burning hard coal I should judge that the price would have to be very favorable to regain its old position.

Every effort has been made to discourage the idea that large lump coal is only satisfactory and a considerable increase in the use of the smaller sizes is the result. Two sizes of lump have been advertised by the dealers, double screened and single screened. I should judge that the double screened is unnecessary as better service can be obtained with the single screened, and it offers the opportunity, which is taken by some irresponsible dealers, to dishonestly sell single screened for double screened.

Effort has also been made to have the user purchase coal by the mine name rather than the district name. This, to a large extent, prevents substitution.

When complaints have been received on substitution, efforts have been made to have restitution made. These have not always been successful.

The question of inspection and better regulation of dealers has been taken up with the city authorities and also the Provincial Government, so that the delivery tickets must show the kind of coal delivered. To date no results have been obtained.

Letters and literature were sent to the leading newspapers and publications in Eastern Canada and the United States, with a view to making them aware of the values of the Alberta coals, and that the East need not go short of fuel to supply Western Canada. The result was that the West received very little coal, and the fact that it was unnecessary was much stressed in the East.

Crude experiments have been carried out in efforts to increase the use of the small coals. The general opinion of the coal users now that they have become used to handling the raw coals is that the briquette on this market will have to be very favorable in price if similar in shape to the usual briquette. My opinion is that if coal is pressed raw in shape similar to building brick of about 10 pounds weight it would have a ready market, using a combination of coking coal and the slack from the Domestic mines with a non-waterproof binder. They should be made locally and delivered direct from manufacturer to consumer. The work of manufacture should be similar to brick-making, except that they need be only air-dried, although there is a probability that by running them quickly through a hot oven they could be waterproofed and made less friable.

While advantage has been taken of opportunities as they arose, the work has been done with a view to permanent business rather than the immediate present. The user's viewpoint has had first con-

sideration. The office has to thank the co-operation of the Coal Dealers for any success which may have been obtained. This co-operation has often been given at an apparent disadvantage to the Dealer from an immediate business standpoint.

In order to retain what market has been obtained, it will require continual effort, bearing in mind that our competitors are well organized and have not the number of varied interests to consider when attempting to take the market. If the desires of the coal consumer are to be considered, and the continued assistance of the Dealer to be had, some standard of preparation and sizes must be established. This would discourage the shipment of much of the coals which are the cause of the complaints and troubles. Coal is not a commodity which can be passed upon by the purchaser as good or bad by inspection. He cannot tell what value he has received for his money until it is paid out, and he makes use of the coal. This should be done for him before purchase by competent authority or regulations.

REGARDING THE STEAM COAL SITUATION.

During the fall of 1921 heavy stocks of steam coal had been put down at the Lakes. This was later complicated by sales of coal from Duluth, sold at a price lower than could be applied to the coal stored at the Head of the Lakes. The result in Winnipeg was that dealers, in order to unload their stock, reduced the price below cost, which practically eliminated the Western coal from competing.

During the 1922 season very little steam coal was imported, but up to the end of the year the surplus left over from the previous season and that brought in had apparently been sufficient to carry on.

The word "apparent" is used, but it is believed that Western coals were in cases substituted or mixed with the imported grades. While the season has been mild, it does not seem reasonable that the demand has been taken care of by the stock which was supposedly on hand. The price has been in favor of the imported coal.

If it is desired to get any permanent advantage in this market with the Steam Coals, it will be necessary that those interested in the West get in closer touch with the situation here and realize the organized efforts of their competitors and by co-operative organization compete with them.

Owing to the difference in the characteristics of the Western Coals to that of imported coals, a handicap is created, when making the change over; this is further increased by the fact that most of the equipment is the reverse of what is now considered proper for obtaining the full heat value of any coals.

Six special pamphlets have been made up and distributed, where possible, covering the above features and showing methods of overcoming them. These to date have not done much service, as we have no means of advising the users that we have such information, and as it also means a small expenditure to put the plant into proper shape, it is looked upon as an experiment at the cost of the consumer. To obtain any result this office should be responsible for the costs of making an installation and which could be used for demonstration purposes.

In connection with the steam coal users we have had success in providing service, where it could not otherwise be obtained, by mixing

steam coals with the small sizes of the high moisture domestic coals. In the writer's estimation there is no better fuel in the world than a combination of these types. Any condition can be taken care of by increasing or decreasing the proportion of the steam coal.

Numbers of the larger users when obtaining tenders for their supplies consult us as to the values which are submitted. Unfortunately, the value is not always in favor of the Alberta product, when their plant and conditions are taken fully into account. In such cases our opinions have been given in accordance with the facts submitted. In some such cases the purchaser has given the Western Coal preference notwithstanding. In others, we feel that the good-will is of value for future business.

GENERAL.

Articles have been written for the Western Canada Coal Review. This magazine goes to the Coal Producers and Dealers. The writings have been along the lines of increasing the general interest in coals, to make efforts to have them know more about the coals which they handle and produce, and to pass along information which would be of use to their customers.

We are now making efforts to have the magazine extended so that it will be of interest to the steam coal users. This would be a means of telling the users what we wish them to know in order to get service from the Alberta coals.

Instruction has been given personally, and by correspondence upon heating equipment and building for heating comfort.

All our advertising and propaganda work has been done under the slogan "Coal Truths" and "Stored Alberta Sunshine" with an illustration for which trade-mark patent has been applied for, and which we hope to make standard for grades when conditions are suitable.

The slogan "Coal Truths" has been particularly effective and is becoming known all over the continent as referring to educational work of the Alberta Government on coal produced in the Province.

The Demonstration Office at 277 Smith St., Winnipeg, continues to operate for demonstration purposes various types of furnaces and heaters with the various coals, and is well patronized by the public.

It is noted in the newspapers and journals that the Winnipeg consumer is applying better methods of burning the fuel than the users in other districts, and credit is given the Alberta Government for this condition.

The appointment of Mr. H. T. Butchart, Mining Engineer, as Assistant Fuel Engineer, in July last, has much improved the effectiveness of the Office, which is now open to the public from 9 a.m. to 5 p.m., instead of as previously, morning only.

The writer believes that notwithstanding the high freight rate, a market in Eastern Canada which would be profitable to the domestic consumer and also the producer, could be built up, particularly in Toronto. The method suggested would be to ship in stove or nut sizes of the free burning coals, such as Drumheller. One ton of this to

two tons of the steam coal as imported in Toronto, would make a most suitable fuel, and the high freight rate would only apply on one ton.

This would go a long way towards creating a liking for the soft coal, particularly as the Anthracite is decreasing in quality.

In connection with contracts for steam coal, the larger consumer usually asks for bids in the fall for deliveries during the winter. This has become the established practice, due to the conditions which applied importing the coal as return freight on grain shipments. If it can be shown to be of advantage to the purchaser in price, some are in sympathy with asking for prices in the spring. This would depend upon the viewpoint of the operator as to the worth of reduction of overhead costs during the summer months.

Suitable advertising done at the right time and showing a reduced price would increase the Domestic Coal put down in the consumer's bin during the summer season. Any of the coals will store without deteriorating in the consumer's cellar, if kept closed and fairly damp.

Yours truly,

GEORGE R. PRATT,

Fuel Engineer.

JOHN T. STIRLING, ESQ.,

Chief Inspector of Mines,

EDMONTON, ALBERTA.

ANNUAL PRODUCTION OF COAL IN ALBERTA

COAL STATISTICS FOR CANADA

The following table is taken from a report prepared by the Dominion Bureau of Statistics and published in "Coal Statistics for Canada."

Calendar Year	Short Tons	Value \$
1886	43,220	81,112
1887	74,152	157,577
1888	115,124	183,354
1889	97,364	179,640
1890	128,753	198,298
1891	174,131	437,243
1892	178,970	460,605
1893	230,070	586,260
1894	184,940	473,827
1895	169,885	382,526
1896	209,162	581,832
1897	242,163	630,408
1898	315,088	787,720
1899	309,600	774,000
1900	311,450	778,625
1901	340,275	850,687
1902	402,819	960,601
1903	495,893	1,117,541
1904	661,732	1,404,524
1905	931,917	1,993,915
1906	1,246,360	2,614,762
1907	1,591,579	3,836,286
1908	1,685,661	4,127,311
1909	1,994,741	4,838,109
1910	2,894,469	7,065,736
1911	1,511,036	3,979,264
1912	3,240,577	8,113,525
1913	4,014,755	10,418,941
1914	3,683,015	9,350,392
1915	3,360,818	8,283,079
1916	4,559,054	11,386,577
1917	4,736,368	14,153,685
1918	5,972,816	20,537,287
1919	4,933,660	18,205,205
1920	6,907,765	30,186,933
1921	5,909,217	27,246,514
Total	63,858,599	197,363,901

NOTE—Production quantities and values prior to 1919 refer to sales and colliery consumption. For 1919, 1920, 1921, mine output figures are given.

ANNUAL CONSUMPTION OF COAL IN THE DOMINION OF CANADA

The following table is taken from a report issued by the Department of Mines, Ottawa, for the year 1921:—

Calendar Year	Canadian		Imported		Total	Per Capita
	Short Tons	%	Short Tons	%		
1886..	1,595,950	45.9	1,884,161	54.1	3,480,111	0.758
1887..	1,848,365	45.7	2,192,260	54.3	4,040,625	0.871
1888..	2,013,925	37.8	3,314,353	62.2	5,328,278	1.137
1889..	1,992,988	44.4	2,490,931	55.6	4,483,919	0.946
1890..	2,360,196	47.8	2,581,187	52.2	4,941,383	1.031
1891..	2,606,490	46.7	2,980,222	53.3	5,586,712	1.153
1892..	2,464,612	44.4	3,083,429	55.6	5,546,441	1.133
1893..	2,823,187	47.6	3,110,462	52.4	5,933,649	1.198
1894..	2,743,376	48.5	2,917,818	51.5	5,661,194	1.130
1895..	2,467,109	45.7	2,933,752	54.3	5,400,861	1.066
1896..	2,639,055	45.1	3,206,456	54.9	5,845,511	1.140
1897..	2,799,977	47.3	3,124,485	52.7	5,924,462	1.143
1898..	3,023,079	48.0	3,274,981	52.0	6,298,060	1.200
1899..	3,631,882	47.0	4,092,361	53.0	7,724,243	1.454
1900..	3,989,542	47.8	4,361,563	52.2	8,351,105	1.561
1901..	4,912,664	50.5	4,810,213	49.5	9,722,877	1.810
1902..	5,376,413	51.0	5,165,938	49.0	10,542,351	1.927
1903..	6,005,735	52.2	5,491,870	47.8	11,507,605	2.055
1904..	6,697,183	49.2	6,909,651	50.8	13,606,834	2.346
1905..	7,032,661	48.9	7,343,880	51.1	14,376,541	2.362
1906..	7,927,560	51.7	7,398,906	48.3	15,326,466	2.425
1907..	8,617,352	45.0	10,549,503	55.0	19,166,855	2.947
1908..	9,156,478	47.3	10,195,424	52.7	19,351,902	2.820
1909..	8,913,376	47.9	9,711,826	52.1	18,625,202	2.682
1910..	10,532,103	50.2	10,438,123	49.8	20,970,226	2.960
1911..	9,822,749	40.5	14,424,949	59.5	24,247,698	3.365
1912..	12,385,696	46.0	14,549,104	54.0	26,934,800	3.657
1913..	13,450,158	42.6	18,132,387	57.4	31,582,545	4.196
1914..	12,214,403	45.5	14,637,920	54.5	26,852,323	3.490
1915..	11,500,480	48.1	12,406,212	51.9	23,906,692	3.041
1916..	12,348,036	41.3	17,517,820	58.7	29,865,856	3.717
1917..	12,313,603	37.2	20,810,132	62.8	33,123,735	4.049
1918..	13,160,731	37.8	21,611,101	62.2	34,771,832	4.175
1919..	11,849,646	41.1	16,982,773	58.9	28,831,819	3.401
1920..	14,388,541	40.9	20,815,596	59.1	35,204,137	4.079
1921..	13,670,217	41.9	18,103,620	58.1	31,773,837	3.547

The following tables, which show the quantities in tons of coal entered for consumption for each month during the year 1922, through ports in the Provinces of Manitoba, Saskatchewan and Alberta, and including the ports of Fort Frances, Fort William and Port Arthur, have been compiled from information received from the Commissioner of Customs at Ottawa.

BITUMINOUS SLACK

Months	Manitoba	Saskatchewan	Alberta	Fort Frances	Fort William	Port Arthur	Total	Total Dominion
January	6,401	29	52	1,496	1,336	10	9,324	174,072
February	6,997	30	...	1,846	7,829	32	16,734	254,521
March	4,669	147	28	2,790	7,827	71	15,532	345,972
April	2,042	...	145	891	2,397	...	5,475	145,141
May	6,185	213	134	770	...	...	7,302	96,618
June	5,443	116	115	575	...	56	6,305	93,601
July	1,029	255	...	493	...	...	1,777	84,257
August	2,062	75	32	574	298	42	3,083	83,740
September	558	40	35	156	...	6	795	89,957
October	1,821	...	107	763	12,429	...	15,120	185,797
November	4,303	38	38	961	37,244	644	43,228	355,632
December	6,117	75	...	2,844	2,796	97	11,929	275,099
Total	47,627	1,018	686	14,159	72,156	958	136,604	2,184,407

BITUMINOUS ROUND

Months	Manitoba	Saskatchewan	Alberta	Fort Frances	Fort William	Port Arthur	Total	Total Dominion
January	2,592	...	...	5,446	74,789	15,473	98,300	650,536
February	3,084	...	...	3,778	81,551	6,394	94,807	644,956
March	2,420	104	72	5,266	145,886	9,167	162,915	1,122,833
April	2,570	...	99	1,579	44,379	2,271	50,898	602,855
May	4,768	22	80	3,084	18,387	2,129	26,470	393,197
June	2,168	...	...	3,550	18,150	1,464	25,332	265,543
July	3,106	54	32	1,561	10,151	1,898	16,802	310,238
August	3,168	47	30	717	37,200	3,125	44,287	327,754
September	1,078	...	57	2,222	65,891	9,771	79,619	530,530
October	1,397	29	36	3,651	96,550	90,012	191,675	864,281
November	1,990	...	...	2,836	222,439	83,506	310,771	1,223,034
December	4,850	43	55	6,351	162,527	72,661	246,487	1,197,609
Total	33,191	299	461	40,041	977,900	295,871	1,347,763	8,133,366

ANTHRACITE

Months	Manitoba	Saskatchewan	Alberta	Fort Frances	Fort William	Port Arthur	Total	Total Dominion
January	2,578	...	...	2	...	...	2,580	244,267
February	1,358	...	...	2	...	...	1,360	248,755
March	1,174	...	...	3	...	...	1,177	388,367
April	201	...	...	...	...	...	201	148,387
May	159	...	...	...	...	...	159	58,664
June	814	80	...	...	...	...	894	53,290
July	1,890	...	...	...	...	...	1,890	32,342
August	4,124	90	...	...	...	...	4,214	28,317
September	455	61	...	...	89	67	672	42,278
October	80	...	...	...	...	...	80	414,773
November	1,245	...	...	...	6,186	9,193	16,624	548,075
December	737	...	...	5	29,743	5,796	36,281	502,467
Total	14,815	231	...	12	36,018	15,056	66,132	2,710,252

TOTAL IMPORTATIONS

	Manitoba	Saskatchewan	Alberta	Fort Frances	Fort William	Port Arthur	Total	Total Dominion
Bituminous Slack	47,627	1,018	686	14,159	72,156	958	136,604	2,184,407
Bituminous	33,191	299	461	40,041	977,900	295,871	1,347,763	8,133,366
Anthracite	14,815	231	...	12	36,018	15,056	66,132	2,710,252
Total	95,633	1,548	1,147	54,212	1,086,074	311,885	1,550,499	13,028,025

MINERAL PRODUCTION OF ALBERTA, 1921-1922

Kind	1921		*1922	
	Quantity	Value	Quantity	Value
		\$		\$
Metallic:				
Gold Alluvial—Oz.	49	1,013	16.9	253
Non-Metallic:				
Coal—Tons	5,909,217	27,246,514	5,960,000	22,208,627
Natural Gas—M. Cu. Ft.	4,945,884	1,374,599	6,400,000	1,525,000
Petroleum—Bbls.	7,203	49,313	6,058	50,631
Structural Materials and Clay:				
Products:				
Cement—Bbls.	312,916	735,164	358,209	838,208
Clay Products:				
Common Brick—No.	7,180,085	103,265		
Pressed Brick—No.	8,358,509	164,049		
Hollow Building:				
Brick or Blocks—No.	1,061,192	17,376		
Moulded and Ornamental				
Brick—No.	74,800	2,393		647,114
Fireproofing and Hollow				
Porous Blocks—No. ....	....	136,447		
Drain Tile .....	....	3,717		
Sewer Pipe .....	....	161,952		
Stoneware and Pottery .....	....	121,278		
Lime, Quicklime—Bus.	107,083	48,332	144,197	67,868
Hydrated Lime—Tons .....	....	....	28	336
Sand and Gravel—Tons	1,756,053	383,067	1,489,944	354,025
Stone—Tons	2,962	13,750	15,127	25,515
Total for Alberta .....	....	30,562,229	....	25,717,577

*Subject to revision.

Prepared in the

MINING, METALLURGICAL and CHEMICAL BRANCH,

Ottawa, Ontario.

The following table gives particulars with reference to the Coal Mining Industry in the Province of Alberta for the year ending December 31, 1922:

SUMMARY OF STATISTICS.

Number of short tons of coal produced	5,976,432
Number of short tons of briquettes produced	33,663
Number of short tons of shale produced for making bricks	10,851
Number of coal mines in operation during the year	379
Number of shale mines in operation	2
Number of mines opened	100
Number of mines re-opened	9
Number of mines abandoned	44
Number of mines closed, but not abandoned	57
Number of coal mines in operation at December 31, 1922	282
Average number of persons employed below ground	5,974
Average number of persons employed above ground	2,573
Number of separate accidents causing loss of life	31
Number of deaths caused by accidents above ground	6
Number of deaths caused by accidents below ground	29
Number of serious accidents above ground	6
Number of serious accidents below ground	32
Number of slight accidents above ground	4
Number of slight accidents below ground	31
Number of persons prosecuted under The Mines Act	84
Number of provisional Overmen's Certificates issued during 1922	322
Number of Third-Class Certificates issued during 1922	62
Number of Second-Class Certificates issued during 1922	9
Number of First-Class Certificates issued during 1922 .....	...
Number of Mine Surveyors' Certificates issued during 1922	2
Total number of Third-Class Certificates issued to December 31, 1922	792
Total number of Second-Class Certificates issued to December 31, 1922	336
Total number of First-Class Certificates issued to December 31, 1922	201
Total number of Mine Surveyors' Certificates issued to December 31, 1922	163

The following tables give particulars of work done at the Shale Mines in the Province:

OUTPUT OF SHALE IN TONS OF 2,000 LBS., USED FOR MAKING BRICKS, 10,851.

AVERAGE NUMBER OF DAYS WORKED.

District	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Medicine Hat	20	16	2.5	15.5	13.5	12.5	12.5	14	15	11.5	18	2	153

NUMBER OF MEN EMPLOYED IN SHALE MINES.

District	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total Aver.
Medicine Hat	12	14	29	39	41	38	41	41	40	41	18	13	31

Mine Timber used (Lineal Feet) 2,994
 Explosives used: 40 per cent. Dynamite (lbs.) 2,470
 There were 986 tons of Bricks put to stock during the year 1922.

Shots Fired: Fuse 1,940
 Miss Fires: Fuse 4

BRICKS SOLD (IN TONS OF 2,000 LBS.) FOR USE IN:

Alberta	British Columbia	Saskatchewan	Manitoba	United States	Total
4,773	544	5,382	672	36	11,407

(No reports received of operations at the Copper Mine).

In the following tables the short ton of 2,000 lbs. is used in all cases.

Year	Output in tons for N.W.T. (Alta. and Sask.)	Output in tons. Alta.
1901	346,649	.....
1902	510,674	.....
1903	622,939	.....
1904	782,931	.....
1905	811,228
1906	1,385,000
1907	1,834,745
1908	1,845,000
1909	2,174,329
1910	3,036,757
1911	1,694,564
1912	3,446,349
1913	4,306,346
1914	3,821,739
1915	3,434,891
1916	4,648,604
1917	4,863,414
1918	6,148,620
1919	5,022,412
1920	6,908,923
1921	5,937,195
1922	5,976,432

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Classification of Outputs during the years 1901 to 1922, inclusive.

Year	Domestic	Domestic and Bituminous	Sub-Bituminous	Bituminous	Anthracite	Coal used in Coke production	Briquettes	Coke
*1901	.....	331,907	.....	.....	14,742	.....	.....	.....
*1902	.....	494,087	.....	.....	16,587	.....	.....	.....
*1903	.....	617,754	.....	.....	5,185	.....	.....	.....
*1904	.....	759,568	.....	.....	23,363	.....	.....	.....
*1905	.....	972,686	.....	.....	43,653	71,292	.....	46,640
1906	602,780	.....	.....	546,623	235,597	103,930	.....	69,844
1907	639,335	.....	.....	939,295	256,115	112,887	49,585	73,782
1908	584,334	.....	.....	1,011,571	249,095	128,397	36,261	75,657
1909	763,673	.....	.....	1,197,399	213,257	148,104	89,785	87,812
1910	878,011	.....	.....	1,896,961	261,785	196,249	108,996	121,578
1911	964,700	.....	.....	649,745	80,119	61,591	48,200	35,984
1912	1,341,389	.....	.....	1,926,371	178,589	170,818	90,000	105,684
1913	1,763,225	.....	.....	2,374,401	168,720	104,012	130,861	65,167
1914	1,697,401	.....	.....	1,953,367	170,971	44,249	109,082	29,058
1915	1,682,922	.....	.....	1,626,237	125,732	38,378	83,180	23,826
1916	2,172,801	.....	.....	2,335,259	140,544	67,105	107,959	41,950
1917	2,537,829	.....	.....	2,206,868	118,717	51,905	93,818	31,630
1918	3,035,061	.....	.....	2,982,334	131,225	53,462	100,470	32,858
1919	2,611,009	.....	.....	2,325,787	85,616	.....	70,033	.....
1920	3,359,309	.....	.....	3,419,021	130,594	.....	101,693	.....
1921	2,943,141	.....	.....	2,897,380	96,674	.....	62,466	.....
1922	3,086,669	.....	635,073	2,214,273	40,417	.....	33,663	.....

*Includes outputs from Alberta and Saskatchewan.

During the year 1909, a strike affecting all the larger mines in the Province lasted for a period of three months.

During the year 1911, a strike affecting all the larger mines in the Province lasted for a period of eight months.

During the year 1917, a strike affecting all the larger mines in the Province lasted for a period of three months.

During the year 1919, a strike affecting all the larger mines in the Province lasted for a period of three months.

During the year 1922, a strike affecting all the larger mines in the Province lasted for a period of five months.

Note. Previous to 1922 Sub-Bituminous was included in Bituminous coal.

The following table shows the outputs of the different districts for the years 1921 and 1922:

Districts	1921			1922			
	Domestic	Bituminous	Anthracite	Domestic	Sub-Bituminous	Bituminous	Anthracite
Crow's Nest Pass	8,100	1,272,181	.....	.....	10,850	1,026,581	.....
Pincher Creek	776,667	.....	.....	565,926	.....	.....	.....
Lethbridge	2,539	.....	.....	3,137	.....	.....	.....
Magrath	6,544	.....	.....	9,206	.....	.....	.....
Milk River	43,203	.....	.....	63,867	.....	.....	.....
Taber	4,801	.....	.....	6,473	.....	.....	.....
Bow Island	16,808	.....	.....	32,871	.....	.....	.....
Medicine Hat	9,127	.....	.....	12,059	.....	.....	.....
Aldersyde	1,821	.....	.....	.....	2,508	.....	.....
High River .....	.....	.....	.....	.....	217	.....	.....
Calgary .....	.....	206,267	.....	.....	.....	169,448	.....
Canmore .....	.....	.....	.....	.....	.....	.....	40,417
Banff .....	.....	.....	96,674	.....	.....	.....	.....
Drumheller	992,456	.....	.....	1,170,913	.....	.....	.....
Big Valley	57,479	.....	.....	37,215	.....	.....	.....
Saunders .....	.....	.....	.....	.....	74,434	321,470	.....
Brazeau .....	.....	479,735	.....	.....	.....	.....	.....
Brooks	14,781	.....	.....	15,610	.....	.....	.....
Hanna	33,099	.....	.....	42,573	.....	.....	.....
Lacombe	14,878	.....	.....	17,138	.....	.....	.....
Trochu	20,346	.....	.....	21,305	.....	.....	.....
Three Hills	31,394	.....	.....	44,610	.....	.....	.....
Carbon	12,960	.....	.....	39,757	.....	.....	.....
Battle River	19,660	.....	.....	23,393	.....	.....	.....
Camrose	68,621	.....	.....	76,038	.....	.....	.....
Tofield	50,469	.....	.....	86,909	.....	.....	.....
Clover Bar	363,077	.....	.....	435,284	.....	.....	.....
Edmonton	87,396	.....	.....	112,102	.....	.....	.....
Nanaimo	7,859	.....	.....	8,262	.....	.....	.....
Cardiff	135,491	.....	.....	108,780	.....	.....	.....
Wabunan	27,323	.....	.....	40,523	.....	.....	.....
Pembina	136,242	.....	.....	112,718	.....	.....	.....
Jasper Park .....	.....	258,091	.....	.....	.....	339,076	.....
Yellowhead .....	.....	301,568	.....	.....	547,064	357,698	.....
Mountain Park .....	.....	379,538	.....	.....	.....	.....	.....
Total	2,943,141	2,897,380	96,674	3,086,669	635,073	2,214,273	40,417

The following table shows how the total output of COAL and BRIQUETTES was disposed of during 1922:

	SOLD FOR CONSUMPTION IN								Used under Colliery Boilers	Put to Stock	Put to Waste	Lifted from Stock	Lifted from Waste	Total output for year, including put to stock and waste, but not including lifted from stock or waste.
	Alberta	British Columbia	Saskatchewan	Manitoba	Ontario	Quebec	United States	Railroad	Total Sales					
Domestic	1,243,996	69,701	1,104,846	436,473	20,649	102	18,453	.....	2,894,220	15,198	52,176	39,750	1,024	3,086,669
Sub-Bituminous	86,974	14,564	51,338	62,982	798	.....	351	394,944	611,951	1,399	9,539	2,103	.....	635,073
Bituminous	110,782	22,427	214,269	21,053	126	.....	86,640	1,679,092	2,134,389	11,556	1,755	21,879	.....	2,214,273
Anthracite	2,190	1,228	796	10	.....	.....	70	2,255	6,549	.....	2,309	14,675	.....	40,417
Total	1,443,942	107,920	1,371,249	520,518	21,573	102	105,514	2,076,291	5,647,109	28,153	65,779	78,407	1,024	5,976,432
Briquettes	2,858	455	986	561	.....	.....	.....	28,842	33,702	682	.....	785	.....	33,663

The following table shows how the total output of COAL AND BRIQUETTES was disposed of during 1921:

	SOLD FOR CONSUMPTION IN						Total Sales	Used Making Briquettes	Used under Colliery Boilers	Put to Stock	Put to Waste	Lifted from Stock	Lifted from Waste	Total output for year, including put to stock and waste but not including waste lifted from stock or
	Alberta	British Columbia	Saskatche- wan	Manitoba	Ontario	United States	Railroad							
Domestic ..	1,199,380	51,904	1,007,393	408,456	6,828	33,085	.....	2,707,046	199,496	39,532	59,137	46,378	15,692	2,943,141
Bituminous	209,934	61,710	284,015	86,548	3,076	100,330	2,016,444	2,762,051	122,256	30,130	5,922	22,703	276	2,897,380
Anthracite .	6,547	2,475	3,033	384	.....	408	6,760	19,607	20,787	835	8,651	10,419	.....	96,674
Total .	1,415,861	116,089	1,294,441	495,388	9,898	133,823	2,023,204	5,488,704	342,539	76,497	73,710	79,500	15,968	8,937,195
Briquettes	5,897	1,725	6,327	2,515	15	46,016	61,230	27	2,381	2,417	62,466

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The following table indicates how the total output of DOMESTIC Coal for the Province was disposed of:

Name of District	SOLD FOR CONSUMPTION IN						Total Sales	Used under Colliery Boilers	Put to Stock	Put to Waste	Lifted from Stock	Lifted from Waste	Total output for year, including put to stock and waste, but not including lifted from stock or waste.
	Alberta	British Columbia	Saskatchewan	Manitoba	Ontario	Quebec	United States						
Lethbridge	140,242	27,025	293,785	43,661	865	...	6,294	511,872	59,305	9,845	12,274	27,370	565,926
Magrath	3,137	...	...	...	...	...	...	3,137	...	...	...	...	3,137
Milk River	8,469	...	...	...	...	...	347	8,816	...	...	390	...	9,206
Taber	13,914	1,082	24,568	8,596	528	...	4,369	53,557	16,698	...	1,424	7,312	63,867
Bow Island	5,883	...	...	...	...	...	...	5,883	...	...	590	...	6,473
Medicine Hat	8,300	33	20,028	433	...	...	2,173	30,967	952	...	952	...	32,871
Aldersyde	11,872	...	...	...	...	...	...	11,872	...	...	187	...	12,059
Drumheller	226,621	18,284	563,600	298,640	10,301	...	4,609	1,122,055	34,111	2,864	15,037	3,154	1,170,913
Big Valley	29,627	32	4,878	1,531	...	...	...	36,068	1,147	...	...	...	37,215
Brooks	15,272	...	...	...	...	...	...	15,272	328	...	10	...	15,610
Hanna	32,933	...	6,422	711	...	...	...	40,056	1,433	...	1,084	...	42,573
Lacombe	14,507	...	1,167	32	...	...	...	15,706	...	...	1,432	...	17,138
Trochu	14,737	66	1,888	790	...	...	...	17,475	1,883	210	1,737	...	21,305
Three Hills	24,401	1,635	3,982	10,875	164	...	...	41,057	2,898	...	655	...	44,610
Carbon	29,670	79	7,082	1,126	...	...	95	38,052	31	502	1,405	17	39,757
Battle River	22,352	...	30	...	...	...	...	22,382	...	...	1,014	...	23,393
Camrose	47,527	...	20,674	4,247	65	...	...	72,513	1,394	11	2,700	580	76,038
Tofield	41,622	60	39,798	4,651	...	...	...	86,131	682	...	96	...	86,909
Clover Bar	321,041	3,089	65,378	21,076	1,018	102	64	411,768	22,867	150	774	150	435,284
Edmonton	100,414	30	3,369	2,894	...	...	...	106,707	4,321	35	1,074	35	112,102
Namoo	7,960	...	31	...	...	...	...	7,991	198	...	173	...	8,262
Cardiff	80,867	...	14,621	3,243	...	...	...	98,731	5,939	...	4,110	...	108,780
Wahamun	19,915	1,787	9,611	3,735	3,064	...	...	38,112	1,125	...	1,286	...	40,523
Pembina	22,713	16,505	23,934	30,242	4,644	...	502	98,540	10,537	1,581	3,772	1,712	112,718
Total	1,243,996	69,701	1,104,846	436,473	20,649	102	18,453	2,894,220	165,849	15,198	52,176	39,750	3,086,669

The following table indicates how the total output of SUB-BITUMINOUS Coal from the Province was disposed of:

District	SOLD FOR CONSUMPTION IN							Total Sales	Used under Colliery Boilers	Put to Stock	Put to Waste	Lifted from Stock	Lifted from Waste	Total output for year, including put to stock and waste, but not including lifted from stock or waste.
	Alberta	British Columbia	Saskatchewan	Manitoba	Ontario	United States	Railroad							
Pincher Creek	9,829	558	123	.....	.....	301	.....	10,811	20	9	46	36	.....	10,850
High River	1,060	.....	.....	.....	.....	.....	.....	1,960	35	103	410	.....	.....	2,508
Calgary	161	.....	.....	.....	.....	.....	.....	161	26	.....	30	.....	.....	217
Saunders	23,969	727	23,923	20,638	393	50	.....	69,700	4,791	631	.....	688	.....	74,434
Yellowhead	51,055	13,279	27,292	42,344	405	.....	394,944	529,319	9,415	656	9,053	1,379	.....	547,064
Total	86,974	14,564	51,338	62,982	798	351	394,944	611,951	14,287	1,399	9,539	2,103	.....	635,073

The following table indicates how the total output of BITUMINOUS Coal from the Province was disposed of:

District	SOLD FOR CONSUMPTION IN							Total Sales	Used under Colliery Boilers	Put to Stock	Put to Waste	Lifted from Stock	Lifted from Waste	Total output for year, including put to stock and waste, but not including lifted from stock or waste.
	Alberta	British Columbia	Saskatchewan	Manitoba	Ontario	United States	Railroad							
Crow's Nest Pass	88,159	10,386	54,770	11,757	92	86,640	732,770	984,574	42,609	7,302	1,755	9,659	.....	1,026,581
Canmore	10,206	221	1,794	174	.....	.....	144,713	157,108	12,423	2,559	.....	2,642	.....	169,448
Brazeau	6,141	.....	37	.....	.....	.....	308,907	315,085	6,554	1,270	.....	1,439	.....	321,470
Jasper Park	937	304	246	.....	34	.....	322,543	324,098	14,978	.....	.....	.....	.....	339,076
Mountain Park	5,339	11,516	157,422	9,122	.....	.....	170,159	353,524	11,888	425	.....	8,139	.....	357,698
Total	110,782	22,427	214,269	21,053	126	86,640	1,679,092	2,134,389	88,452	11,556	1,755	21,879	2,214,273

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The following table shows how the total output of DOMESTIC Coal was disposed of by months during 1922:

Months	SOLD FOR CONSUMPTION IN						Total Sales	Used under Colliery Boilers	Put to Stock	Put to Waste	Lifted from Stock	Lifted from Waste	Total output including put to stock and waste, but not including lifted from stock or waste.
	Alberta	British Columbia	Saskatchewan	Manitoba	Ontario	Quebec	United States						
January	148,310	7,265	90,666	45,373	829	...	2,262	17,633	2,097	4,595	6,159	...	312,871
February	165,616	5,827	113,862	37,016	506	...	2,163	17,920	1,442	4,531	6,289	...	342,594
March	111,476	6,707	85,997	19,800	74	...	846	16,147	500	2,271	3,613	...	240,205
April	53,540	106	9,391	2,020	160	...	179	8,101	...	1,237	5,547	...	69,187
May	37,465	176	10,510	976	150	...	227	7,270	...	589	4,183	...	53,030
June	26,907	1,045	12,436	1,713	...	...	276	7,453	67	390	3,586	...	46,305
July	30,749	2,671	14,077	3,604	350	...	495	7,887	102	644	2,859	...	57,470
August	60,689	1,791	37,826	12,212	1,536	...	901	10,269	349	1,252	3,167	...	123,658
September	125,344	9,152	197,236	62,505	3,111	33	1,183	18,342	1,855	6,836	339	...	415,258
October	168,259	10,760	237,598	101,993	5,801	38	2,320	20,255	2,909	14,846	874	...	563,905
November	167,370	12,952	177,579	58,916	4,498	31	3,095	17,759	1,773	9,428	1,088	...	452,223
December	148,271	11,240	127,668	90,345	3,634	...	4,596	16,813	4,104	5,557	2,046	...	409,963
Total	1,243,996	69,701	1,104,846	436,473	20,649	102	18,453	165,849	15,198	52,176	39,750	1,024	3,086,669

The following table indicates how the total output of SUB-BITUMINOUS Coal was disposed of by months during 1922:

Months	SOLD FOR CONSUMPTION IN							Total Sales	Used under Colliery Boilers	Put to Stock	Put to Waste	Lifted from Stock	Lifted from Waste	Total output in- cluding put to stock and waste, but not including lifted from stock or waste.
	Alberta	British Columbia	Saskatche- wan	Manitoba	Ontario	United States	Railroad							
January	5,502	1,274	2,746	2,711	39	.....	17,717	29,989	1,030	189	46	265	.....	30,989
February	8,577	1,655	2,822	1,147	.....	.....	14,617	28,818	1,202	130	.....	213	.....	29,937
March	7,633	1,262	1,517	669	.....	.....	30,236	41,317	954	252	.....	216	.....	42,307
April	5,770	498	1,555	173	.....	.....	48,382	56,378	806	167	.....	138	.....	57,213
May	9,407	885	1,209	136	.....	.....	55,905	67,542	813	.....	.....	207	.....	68,148
June	9,811	334	1,719	541	.....	.....	20,221	32,626	696	.....	.....	103	.....	33,219
July	10,495	661	3,472	1,836	33	.....	41,053	57,550	1,156	200	15	14	.....	58,907
August	7,223	908	12,557	7,755	194	44	30,103	58,786	1,303	19	140	447	.....	59,801
September	5,196	1,820	9,518	14,383	66	.....	23,229	54,212	1,296	.....	881	161	.....	56,228
October	5,303	1,687	7,374	13,953	106	.....	34,586	63,009	1,648	222	1,009	.....	.....	65,888
November	5,368	1,453	3,570	8,188	202	185	44,067	63,033	1,722	117	4,273	222	.....	68,923
December	6,689	2,127	3,279	11,490	158	122	34,826	58,691	1,661	103	3,175	117	.....	63,513
Total	86,974	14,564	51,338	62,982	798	351	394,944	611,951	14,287	1,399	9,539	2,103	635,073

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The following table indicates how the total output of BITUMINOUS Coal was disposed of by months during 1922:

Months	SOLD FOR CONSUMPTION IN							Total Sales	Used under Colliery Boilers	Put to Stock	Put to Waste	Lifted from Stock	Lifted from Waste	Total output including waste, but not lifted from stock or waste.
	Alberta	British Columbia	Saskatchewan	Manitoba	Ontario	United States	Railroads							
January	11,888	2,359	30,022	1,644	...	6,892	182,354	235,159	10,587	1,572	210	920	...	246,788
February	12,710	3,494	21,933	1,739	...	5,569	183,157	228,602	10,066	1,145	332	1,375	...	238,770
March	22,985	6,332	20,715	411	...	20,731	248,992	320,166	11,581	722	465	4,413	...	328,521
April	1,366	47	491	33	...	255	15,663	17,855	5,552	...	...	3,412	...	19,995
May	290	180	328	...	...	1,260	30,871	32,929	5,870	...	14	2,119	...	36,694
June	1,923	557	891	...	...	700	26,994	31,055	4,672	...	8	2,600	...	33,145
July	1,815	475	1,364	...	...	820	20,014	24,488	3,904	28	7	1,473	...	26,954
August	5,661	1,411	7,502	1,118	...	856	37,838	54,386	4,594	1,056	7	1,248	...	58,795
September	20,197	2,288	32,781	6,523	34	5,581	182,565	249,969	7,142	2,714	236	260	...	259,801
October	5,456	1,925	37,770	3,563	...	10,227	226,631	285,572	7,476	2,689	147	501	...	295,383
November	8,681	1,787	27,913	2,504	92	22,964	268,033	331,974	8,048	370	154	1,753	...	338,793
December	17,810	1,572	32,559	3,518	...	10,785	255,980	322,274	8,960	1,080	175	1,805	...	330,634
Total	110,782	22,427	214,269	21,053	126	86,640	1,679,092	2,134,389	88,452	11,556	1,755	21,879	...	2,214,273

The following table indicates how the total output of ANTHRACITE Coal was disposed of by months during 1922:

Months	SOLD FOR CONSUMPTION IN							Used under Colliery Boilers	Put to Stock	Put to Waste	Lifted from Stock	Lifted from Waste	Total Output
	Alberta	British Columbia	Saskatche- wan	Manitoba	United States	Railroad Coal	Total Sales						
January	669	687	386	...	40	384	2,166	2,291	...	633	271	...	9,858
February	747	342	345	...	...	654	2,088	2,270	...	771	1,212	...	10,190
March	739	199	65	10	30	1,217	2,260	2,766	...	905	2,984	...	12,204
April	...	...	...	...	...	...	...	903	...	...	...	...	903
May	2	...	...	...	...	...	2	997	...	...	2	...	997
June	...	...	...	...	...	...	...	993	...	...	...	...	993
July	...	...	...	...	...	...	...	950	...	...	...	...	950
August	...	...	...	...	...	...	...	1,249	...	...	...	...	1,249
September	...	...	...	...	...	...	...	1,332	...	...	...	...	1,332
October	33	...	...	...	...	...	33	1,727	...	...	2,821	...	1,712
November	...	...	...	...	...	...	...	42	...	...	3,840	...	29
December	20	3,545
Total	2,190	1,228	796	10	70	2,255	6,549	15,540	...	2,309	14,675	...	40,417

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The following table shows the total output of DOMESTIC COAL by Districts during each month:

Districts	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Lethbridge	50,592	68,348	60,198	2,635	2,299	2,150	1,559	6,855	75,466	103,900	107,526	84,398	565,926
Magrath	195	398	241	30	75	107	145	315	228	481	631	291	3,137
Milk River	1,036	820	495	206	243	326	443	685	1,043	1,777	1,384	748	9,266
Taber	5,658	3,780	2,241	2,413	4,472	4,403	4,307	4,955	10,794	13,561	4,488	2,795	63,867
Bow Island	726	435	337	131	79	142	204	325	556	1,728	1,436	374	6,473
Medicine Hat	3,072	2,177	876	172	293	23	367	2,424	4,303	7,913	8,157	3,094	32,871
Aldersyde	1,029	1,071	963	392	427	341	657	866	923	2,267	2,451	672	12,059
Drumheller	109,582	125,760	86,600	6,364	4,286	6,688	4,398	16,155	189,629	251,729	183,035	186,687	1,170,913
Big Valley	6,166	6,317	3,181	1,460	677	314	866	753	6,016	5,085	3,736	2,644	37,215
Brooks	1,843	1,942	1,204	310	416	392	401	614	1,188	2,476	3,173	1,651	15,610
Hanna	4,059	4,263	2,246	1,879	681	615	866	1,372	4,200	10,790	8,418	3,184	42,573
Lacombe	2,206	1,418	1,353	3,067	212	140	121	214	841	3,228	2,709	1,629	17,138
Trochu	4,394	3,798	402	439	546	625	354	1,139	2,182	2,975	2,408	2,043	21,305
Three Hills	3,362	4,632	1,706	1,177	822	911	1,637	5,812	6,096	7,545	4,355	6,555	44,610
Carbon	3,170	5,501	2,826	3,395	3,438	3,256	1,657	2,789	2,043	3,398	4,845	3,439	39,757
Battle River	4,328	4,654	1,315	104	89	284	256	193	746	4,701	4,648	2,075	23,393
Camrose	10,755	9,474	5,722	2,126	851	1,635	1,748	4,844	6,249	9,267	8,515	14,852	76,038
Tofield	8,449	6,556	3,149	2,761	2,533	2,793	833	2,669	9,697	16,580	11,197	20,292	86,909
Clover Bar	44,119	46,029	32,307	26,171	20,744	12,644	20,213	41,746	52,746	58,131	47,482	32,952	435,284
Edmonton	12,922	13,709	9,408	6,805	4,781	3,470	3,058	5,615	7,768	11,350	15,812	17,404	112,102
Namoo	1,699	1,737	443	314	...	45	45	40	89	1,558	1,317	1,020	8,262
Cardiff	14,537	15,579	8,753	4,234	2,069	1,070	1,349	7,626	17,105	23,267	12,394	797	108,780
Wabamun	5,993	2,239	886	2,602	2,997	1,792	2,282	2,910	3,271	5,402	4,352	5,797	40,523
Pembina	12,979	11,957	13,353	...	...	2,184	9,704	12,742	12,679	14,796	7,754	14,570	112,718
Total	312,871	342,594	240,205	69,187	53,030	46,305	57,470	123,658	415,258	563,905	454,223	409,963	3,086,669

The following table shows the total output of SUB-BITUMINOUS COAL by Districts during each month:

Districts	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Pincher Creek .	1,283	1,264	918	236	201	323	449	863	1,199	1,117	1,613	1,384	10,850
High River . . .	241	244	222	8	38	123	156	221	194	181	392	488	2,508
Calgary . . . . .	...	...	...	...	...	15	15	135	67	...	...	...	217
Saunders	5,407	4,769	4,359	3,248	1,797	4,875	5,508	7,130	5,951	10,921	11,320	9,149	74,434
Yellowhead . . .	24,058	23,660	36,808	53,721	66,112	27,898	52,779	51,452	48,817	53,669	55,598	52,492	547,064
Total	30,989	29,937	42,307	57,213	68,148	33,219	58,907	59,801	56,228	65,888	68,923	63,513	635,073

The following table shows the total output of BITUMINOUS COAL by Districts during each month:

Districts	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Crow's Nest P.s.	110,290	129,241	178,147	3,652	5,243	4,656	4,862	14,725	129,014	125,226	160,325	161,200	1,026,581
Canmore	17,476	20,095	30,254	633	648	710	810	3,993	22,169	25,086	22,791	24,783	169,448
Brazeau	31,536	27,879	39,664	...	...	600	300	2,722	40,964	55,322	62,274	60,209	321,470
Jasper Park . . .	40,583	26,304	36,269	15,312	26,842	23,811	15,560	27,077	26,776	31,378	38,524	30,640	339,076
Mountain Park.	46,903	35,251	44,187	398	3,961	3,368	5,422	10,278	40,878	58,371	54,879	53,802	357,698
Total	246,788	238,770	328,521	19,995	36,694	33,145	26,954	58,795	259,801	295,383	338,793	330,634	2,214,273

The following table shows the total output of ANTHRACITE COAL and BRIQUETTES during each month:

Districts	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Banff (Anthra.)	9,858	10,190	12,204	903	997	993	950	1,219	1,332	1,712	29	...	40,417
Briquettes . . .	5,537	6,836	10,041	...	...	...	...	...	...	3,081	4,252	3,916	33,663

The following table shows the total output of COAL during the year:

Districts	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Coal	600,506	621,491	623,237	147,298	158,869	113,662	144,281	243,503	732,619	926,888	859,968	804,110	5,976,432

NOTE—There was no Coke produced during the year 1922.

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The following table shows the total output of DOMESTIC Coal disposed of as LUMP Coal during each month:

Districts	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Lethbridge	36,917	49,609	44,646	1,896	1,649	1,631	1,356	5,154	53,565	75,163	76,045	58,572	406,203
Magrath	191	390	235	30	75	107	103	171	134	275	373	203	2,287
Milk River	331	275	121	89	69	142	179	189	244	500	450	280	2,959
Taber	2,385	2,281	1,161	1,160	2,145	2,181	2,102	2,379	6,160	7,558	3,179	1,710	34,410
Bow Island	433	303	276	112	72	87	110	141	299	1,191	1,179	286	4,509
Medicine Hat	1,093	664	229	48	32	7	137	1,287	1,989	3,480	2,695	1,181	12,842
Aldersyde	342	439	455	171	190	148	319	361	409	743	1,254	310	5,141
Drumheller	75,445	87,559	57,209	3,104	2,409	4,149	2,796	10,806	136,520	181,855	132,931	136,191	830,974
Big Valley	1,534	1,135	203	296	166	...	291	171	3,572	1,935	1,127	794	11,224
Brooks	609	547	452	142	221	203	235	394	885	1,706	1,818	453	7,665
Hanna	1,631	1,677	503	1,018	238	164	442	673	1,882	4,885	3,289	1,608	18,010
Lacombe	457	412	283	105	11	10	8	363	81	525	684	577	3,172
Trochu	1,420	1,385	11	...	...	34	...	363	608	1,613	1,166	785	7,385
Three Hills	2,268	3,252	1,211	694	464	401	833	3,651	3,730	4,612	3,045	3,920	28,081
Carbon	1,275	3,011	1,436	1,641	1,479	1,816	1,011	1,524	1,372	2,146	2,882	1,878	21,471
Battle River	1,480	1,453	340	41	82	264	170	142	347	2,616	2,251	1,003	10,189
Camrose	6,221	5,315	3,322	777	196	207	633	2,210	3,331	4,792	4,462	8,539	40,005
Tofield	8,059	6,310	2,917	2,594	2,343	2,626	580	2,246	7,717	16,005	10,699	19,589	81,685
Clover Bar	24,191	25,364	13,411	6,271	3,571	1,814	6,123	20,016	27,718	31,250	26,714	19,441	205,884
Edmonton	6,053	6,609	3,494	1,274	981	288	279	1,220	3,044	5,042	7,582	7,748	43,614
Namoo	650	690	107	...	...	...	...	...	...	330	217	112	2,106
Cardiff	6,861	7,341	4,047	1,531	562	260	306	3,118	8,420	12,344	7,289	508	52,587
Wabamun	540	380	161	79	117	106	348	845	804	1,313	1,172	1,230	7,095
Pembina	3,883	3,392	1,043	...	...	700	3,667	6,480	6,782	7,640	3,708	5,051	42,346
Total	184,289	209,793	137,363	23,073	17,072	17,345	22,028	63,560	269,622	369,519	296,211	271,969	1,881,844

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The following table shows the total output of DOMESTIC Coal disposed of as MINE RUN Coal during each month:

Districts	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Lethbridge	2,714	4,415	893	143	128	60	81	237	135	873	451	472	10,602
Magrath	4	8	6	...	...	...	42	144	94	206	258	88	850
Milk River	705	545	284	117	174	184	264	496	669	1,077	934	405	5,854
Taber	1,360	70	67	45	56	59	51	446	218	283	106	217	2,978
Bow Island	222	82	26	11	...	21	50	135	218	352	67	38	1,221
Medicine Hat	1,376	358	589	116	259	13	218	652	1,325	2,698	3,540	1,335	12,479
Aldersyde	597	617	492	202	209	170	299	455	463	1,391	1,062	345	6,302
Drumheller	2,088	1,970	1,319	634	436	330	324	182	597	2,180	866	403	9,044
Big Valley	3,719	4,386	2,653	859	391	251	472	404	1,607	2,180	2,116	1,376	20,414
Brooks	1,213	1,345	707	157	165	164	142	190	303	705	1,350	1,198	7,639
Hanna	1,615	1,831	1,265	401	311	322	200	449	832	1,967	1,603	713	11,809
Lacombe	1,626	980	988	2,090	185	110	96	167	1,703	2,560	1,964	1,042	12,511
Trochu	2,508	1,821	368	411	534	485	297	513	1,216	821	904	855	10,733
Three Hills	257	177	78	169	128	145	61	83	136	866	327	1,149	3,576
Carbon	1,178	995	239	202	57	70	172	169	157	371	579	288	4,477
Battle River	2,593	2,958	882	54	7	15	81	43	360	1,869	2,104	918	11,884
Camrose	575	308	563	729	441	1,254	899	432	398	518	606	1,178	7,901
Tofield	310	171	192	152	190	162	253	423	1,360	545	452	663	4,873
Clover Bar	772	844	2,098	5,760	7,428	5,776	5,219	4,285	140	67	603	668	33,660
Edmonton	1,026	83	101	1,522	724	1,242	539	1,163	33	65	171	37	6,706
Namoo	383	299	185	202	...	...	45	40	89	644	511	542	2,940
Cardiff	635	911	662	548	391	246	443	767	271	755	199	33	5,861
Wabamun .....	...	589	127	2,287	2,454	1,252	519	106	51	...	...	...	7,385
Pembina .....	...	...	...	...	...	10	...	2,443	2,076	3,552	1,693	...	9,754
Total	27,476	25,763	14,784	16,810	14,668	12,341	10,767	14,424	13,451	24,860	22,446	13,963	211,753

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The following table shows the total output of DOMESTIC Coal disposed of as NUT Coal during each month:

Districts	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Lethbridge	3,514	4,910	5,792	158	101	94	71	597	9,848	12,672	13,568	11,732	63,057
Magrath .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Milk River	644	855	460	697	1,330	1,042	1,374	1,353	2,196	2,778	844	179	13,752
Taber	7	15	4	2	.....	.....	.....	.....	.....	.....	10	6	49
Bow Island	548	1,094	28	5	1	1	.....	449	894	1,261	1,171	502	5,953
Medicine Hat	51	.....	.....	13	24	17	33	44	44	106	89	8	429
Aldersyde	15,168	17,053	13,328	1,224	429	873	532	2,483	27,881	37,922	24,265	23,958	165,116
Drumheller	208	158	6	.....	.....	.....	.....	.....	327	223	261	20	1,293
Big Valley .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Brooks	542	545	393	396	119	120	212	233	1,219	3,279	2,946	728	10,732
Hanna .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Lacombe	200	210	.....	.....	.....	.....	.....	60	182	218	72	123	1,065
Trochu	411	636	218	136	85	85	288	1,207	1,500	1,446	665	674	7,351
Three Hills	369	927	798	1,079	1,068	938	370	758	323	632	902	535	8,699
Carbon	34	38	4	.....	.....	.....	.....	.....	4	53	100	28	261
Battle River	3,046	4,688	1,182	331	130	69	103	1,037	1,868	2,895	2,450	3,902	19,701
Camrose	60	50	30	11	.....	5	.....	.....	15	20	34	30	255
Tofield	9,606	9,705	9,331	8,934	5,569	2,627	4,541	8,732	11,577	13,021	10,430	5,987	100,080
Clover Bar	3,268	3,659	3,769	2,357	1,547	892	1,059	1,796	3,210	3,436	4,726	4,526	34,245
Edmonton	394	393	40	.....	.....	.....	.....	.....	.....	170	140	48	1,185
Namoo	3,014	3,135	2,066	1,212	666	306	309	1,785	3,798	4,045	2,982	106	23,424
Cardiff	4,275	833	453	184	325	284	907	1,204	1,624	2,432	1,097	3,234	16,852
Wabamun	7,370	7,514	10,977	.....	.....	900	4,593	2,174	2,241	1,909	1,181	7,872	46,731
Pembina .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total	52,819	54,418	48,879	16,739	11,393	8,253	14,392	23,912	68,751	88,523	67,953	64,201	520,233

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The following table shows the total output of DOMESTIC Coal disposed of as SLACK Coal during each month:

Districts	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Lethbridge	7,447	9,414	8,867	438	421	365	51	867	11,918	15,192	17,462	13,622	86,064
Magrath .....	.....	.....	.....	.....	.....	.....	.....	.....	130	200	.....	60	390
Milk River .....	.....	.....	.....	.....	.....	.....	.....	.....	2,211	2,942	359	689	12,727
Taber	1,269	574	553	511	941	1,121	780	777	39	180	180	44	694
Bow Island	44	35	31	7	7	34	44	49	39	474	751	76	1,597
Medicine Hat	55	61	30	3	2	2	12	36	95	27	46	9	187
Aldersyde	39	15	16	6	4	6	6	6	7	31,457	24,973	26,135	165,179
Drumheller	16,881	19,178	14,744	1,402	1,012	1,336	746	2,684	24,631	747	232	454	4,284
Big Valley	615	638	319	305	120	63	103	178	510	65	5	.....	306
Brooks	21	50	45	11	30	25	24	30	.....	659	580	135	2,322
Hanna	271	210	85	64	13	9	12	17	267	143	61	10	1,455
Lacombe	123	26	82	872	16	20	17	28	57	323	266	280	2,122
Trochu	266	382	23	28	12	106	57	203	176	621	318	812	5,602
Three Hills	426	567	199	178	145	280	455	871	730	249	482	738	5,110
Carbon	348	568	353	473	834	432	104	338	191	163	193	126	1,059
Battle River	221	205	89	9	.....	5	5	8	35	1,062	997	1,233	8,431
Camrose	913	1,163	655	289	84	105	113	1,165	652	10	12	10	96
Tofield	20	25	10	4	.....	.....	.....	.....	5	13,793	9,715	6,856	95,660
Clover Bar	9,550	10,116	7,467	5,206	4,176	2,427	4,330	8,713	13,311	2,807	3,333	5,093	27,537
Edmonton	2,575	3,358	2,044	1,652	1,529	1,048	1,181	1,436	1,481	414	449	318	2,031
Namoo	272	355	111	112	.....	.....	.....	.....	4,616	6,123	1,924	150	26,908
Cardiff	4,027	4,192	1,978	943	450	258	291	1,956	792	1,657	2,083	1,333	9,191
Wabamun	1,178	437	145	52	101	150	508	755	1,580	1,695	1,192	1,647	13,887
Pembina	1,726	1,051	1,333	.....	.....	574	1,444	1,645	.....	.....	.....	.....	.....
Total	48,287	52,620	39,179	12,565	9,897	8,366	10,283	21,762	63,434	81,003	65,613	59,830	472,839

The following table shows the total output of SUB-BITUMINOUS Coal disposed of as LUMP Coal during each month:

Districts	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Pincher Creek . .	276	182	139	1	6	4	4	33	102	126	122	120	1,115
High River . . .	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Calgary	2,356	2,649	1,475	558	813	1,228	1,847	2,568	2,736	5,950	5,911	4,941	33,032
Saunders	1,302	1,118	418	231	163	4	624	5,382	7,515	6,788	2,385	4,085	30,015
Yellowhead . . .	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total	3,934	3,949	2,032	790	982	1,236	2,475	8,003	10,353	12,864	8,418	9,146	64,182

The following table shows the total output of SUB-BITUMINOUS Coal disposed of as MINE RUN Coal during each month:

Districts	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Pincher Creek . .	688	551	633	233	183	297	440	747	659	675	1,092	980	7,158
High River . . .	241	244	222	8	38	123	156	96	134	141	337	488	2,228
Calgary . . . . .	.....	.....	.....	.....	.....	.....	.....	.....	67	.....	.....	.....	67
Saunders	1,144	580	1,635	1,488	598	2,040	1,859	2,456	739	737	898	611	14,785
Yellowhead . . .	21,050	21,739	35,901	53,087	65,072	22,371	46,829	41,487	34,403	39,344	46,970	38,436	466,689
Total	23,123	23,114	38,391	54,816	65,891	24,831	49,284	44,786	36,002	40,897	49,297	40,515	490,947

The following table shows the total output of SUB-BITUMINOUS Coal disposed of as NUT Coal during each month:

Districts	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Pincher Creek .	23	60	4	.....	.....	.....	.....	9	28	39	74	38	275
High River . .	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Calgary . . . .	.....	.....	.....	.....	.....	.....	.....	100	.....	.....	.....	.....	100
Saunders . . . .	.....	568	628	1,117	.....	.....	339	582	848	296	650	105	5,133
Yellowhead . .	742	445	222	122	37	1,648	4,846	2,669	2,644	3,278	1,510	3,766	21,929
Total	765	1,073	854	1,239	37	1,648	5,185	3,360	3,520	3,613	2,234	3,909	27,437

The following table shows the total output of SUB-BITUMINOUS Coal disposed of as SLACK Coal during each month:

Districts	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Pincher Creek .	296	471	142	2	12	22	5	74	410	277	325	246	2,282
High River . .	.....	.....	.....	.....	.....	.....	.....	125	60	40	55	.....	280
Calgary . . . .	.....	.....	.....	.....	.....	.....	15	15	.....	.....	.....	.....	30
Saunders	1,907	972	621	85	386	1,607	1,463	1,524	1,628	3,938	3,861	3,492	21,484
Yellowhead . .	964	358	267	281	840	3,875	480	1,914	4,255	4,259	4,733	6,205	28,431
Total	3,167	1,801	1,030	368	1,238	5,504	1,963	3,652	6,353	8,514	8,974	9,943	52,507

The following table shows the total output of BITUMINOUS Coal disposed of as LUMP Coal during each month:

Districts	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Crow's Nest Ps.	1,963	2,849	2,973	230	49	48	12	256	2,587	1,922	2,348	2,255	17,492
Canmore	37	50	261	.....	.....	.....	.....	.....	.....	112	75	96	631
Brazeau	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Jasper Park	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mountain Park.	323	333	306	3	7	26	35	5	33	83	214	222	1,590
Total	2,323	3,232	3,540	233	56	74	47	261	2,620	2,117	2,637	2,573	19,713

The following table shows the total output of BITUMINOUS Coal disposed of as MINE RUN Coal during each month:

Districts	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Crow's Nest Ps.	98,628	115,753	159,938	3,210	5,080	4,500	4,753	14,279	118,060	113,362	147,092	150,685	935,340
Canmore	17,054	19,632	29,017	633	648	710	810	3,836	21,984	24,685	22,190	24,074	165,273
Brazeau	31,536	27,879	39,564	.....	.....	600	300	2,722	40,964	55,322	62,274	60,209	321,470
Jasper Park	40,583	26,304	36,269	15,312	26,842	23,811	15,560	27,077	26,776	31,378	38,524	30,640	339,076
Mountain Park.	46,580	34,918	43,848	395	3,954	3,342	5,387	10,273	40,845	58,286	54,665	53,580	356,073
Total	234,381	224,486	308,736	19,550	36,524	32,963	26,810	58,187	248,629	283,033	324,745	319,188	2,117,232

The following table shows the total output of BITUMINOUS Coal disposed of as NUT Coal during each month:

Districts	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Crow's Nest Ps.	3,313	1,367	1,732	137	.....	10	.....	33	1,938	1,374	1,379	1,124	12,407
Cannore	385	362	615	.....	.....	.....	.....	157	185	208	389	613	2,914
Brazeau .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Jasper Park .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mountain Park.	.....	.....	33	.....	.....	.....	.....	.....	.....	2	.....	.....	35
Total	3,698	1,729	2,380	137	.....	10	.....	190	2,123	1,584	1,768	1,737	15,356

The following table shows the total output of BITUMINOUS Coal disposed of as SLACK Coal during each month:

Districts	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Crow's Nest Ps.	6,386	9,272	13,504	75	114	98	97	157	6,429	8,568	9,506	7,136	61,342
Cannore .....	.....	51	361	.....	.....	.....	.....	.....	.....	81	137	.....	630
Brazeau .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Jasper Park .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mountain Park.
Total	6,386	9,323	13,865	75	114	98	97	157	6,429	8,649	9,643	7,136	61,972

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The following table shows the total sales of DOMESTIC Coal in Districts during each month :

Districts	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Lethbridge	46,585	63,867	54,636	4,319	2,977	2,489	1,508	6,073	66,371	91,258	97,226	74,563	511,872
Magrath	195	398	241	30	75	107	145	315	228	481	631	291	3,137
Milk River	1,036	820	495	206	243	326	443	685	913	1,577	1,384	688	8,816
Taber	4,370	3,262	1,816	2,064	4,091	4,014	3,688	4,305	8,680	11,033	3,644	2,090	53,057
Bow Island	688	405	312	124	75	111	167	283	537	1,588	1,267	336	5,883
Medicine Hat	2,902	1,966	744	157	268	20	343	2,331	4,111	7,417	7,782	2,926	30,967
Aldersyde	990	1,056	947	386	423	335	651	860	916	2,240	2,405	663	11,872
Drumheller	104,192	121,616	83,085	5,517	3,813	6,175	3,922	14,943	182,965	241,667	174,651	179,509	1,122,055
Big Valley	5,961	6,112	3,134	1,410	595	251	806	708	5,895	4,970	3,706	2,520	36,068
Brooks	1,819	1,889	1,155	296	383	364	377	582	1,185	2,405	3,169	1,648	15,272
Hanna	3,916	4,074	2,078	1,754	576	522	753	1,255	3,879	10,370	7,934	2,945	40,056
Lacombe	2,083	1,392	1,271	2,195	196	120	104	186	784	3,093	2,658	1,624	15,706
Trochu	4,128	3,476	379	411	534	98	49	498	1,626	2,546	2,000	1,730	17,475
Three Hills	2,965	4,169	1,512	967	614	753	1,412	5,504	5,732	7,138	4,080	6,211	41,057
Carbon	2,884	5,108	2,710	3,220	3,123	3,430	1,654	2,789	2,043	3,398	4,798	2,895	38,052
Battle River	4,138	4,449	1,226	95	89	279	251	185	711	4,542	4,463	1,954	22,382
Camrose	10,160	8,856	5,390	2,017	940	1,703	1,893	4,609	5,917	8,468	8,055	14,505	72,513
Tofield	8,379	6,481	3,099	2,730	2,433	2,688	733	2,569	9,062	16,550	11,155	20,252	86,131
Clover Bar	41,879	43,630	30,193	24,372	18,986	11,130	18,568	39,892	50,776	55,848	45,460	31,034	411,768
Edmonton	12,550	12,680	9,106	6,530	4,506	3,195	2,783	5,340	7,433	10,300	15,351	16,933	106,707
Namoo	1,673	1,710	433	314	.....	.....	45	40	89	1,313	1,287	1,087	7,991
Cardiff	13,823	14,842	8,142	3,741	1,639	952	1,224	7,100	14,922	20,155	11,394	797	98,731
Wabamun	5,856	2,169	826	2,527	2,925	1,732	2,202	2,820	2,985	5,096	3,307	5,667	38,112
Pembina	11,533	10,563	11,970	14	.....	1,583	8,225	11,083	10,814	13,316	6,544	12,895	98,540
Total	294,705	324,990	224,900	65,396	49,504	42,377	51,946	114,955	388,504	526,769	424,351	385,763	2,894,220

The following table shows the total sales of SUB-BITUMINOUS Coal in Districts during each month:

Districts	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Pincher Creek .	1,232	1,293	904	234	200	323	449	863	1,199	1,117	1,613	1,384	10,811
High River . . .	236	237	217	8	38	123	156	96	134	138	327	250	1,960
Calgary	4,883	4,413	3,957	3,101	1,809	4,640	4,962	6,937	5,561	10,247	10,664	8,526	69,700
Saunders	23,638	22,875	36,239	53,035	65,495	27,540	51,983	50,770	47,277	51,507	50,429	48,531	529,319
Total	29,989	28,818	41,317	56,378	67,542	32,626	57,550	58,786	54,212	63,009	63,033	58,691	611,951

The following table shows the total sales of BITUMINOUS Coal in Districts during each month:

Districts	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Crow's Nest Ps.	104,246	122,869	174,750	2,651	1,907	3,009	3,454	12,272	123,048	119,543	158,267	158,558	984,574
Canmore	16,153	19,502	29,049	1	1	10	1	2,856	21,259	23,857	21,226	23,206	157,108
Brazeau	30,469	27,176	39,066	1	1	1	1	2,297	40,392	54,662	61,572	59,440	315,085
Jasper Park . . .	39,098	25,201	34,799	14,251	25,745	22,848	14,777	26,082	25,822	30,129	37,070	28,276	324,098
Mountain Park.	45,193	33,854	42,502	952	5,277	5,198	6,257	10,879	39,448	57,381	53,839	52,744	353,524
Total	235,159	228,602	320,166	17,855	32,929	31,065	24,488	54,386	249,969	285,572	331,974	322,224	2,134,389

The following table shows the total sales of ANTHRACITE Coal and BRIQUETTES during each month:

Districts	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Banff (Anthra.)	2,166	2,088	2,260	112	2	17	14	14	20	33	4,243	3,748	6,549
Briquettes	5,539	7,046	9,545	112	12	17	14	14	20	3,392	4,243	3,748	33,702

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The following table shows the total amount of DOMESTIC Coal sold during each month for consumption in Alberta :

Districts	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Lethbridge	14,705	• 17,687	16,693	3,321	1,805	1,693	1,413	3,147	15,234	22,928	23,253	18,363	140,242
Magrath	195	398	241	30	75	107	145	315	228	481	631	291	3,137
Milk River	1,033	817	490	204	215	210	379	649	856	1,546	1,382	688	8,469
Taber	1,001	1,089	857	780	1,907	1,052	824	1,058	1,229	1,441	1,489	1,187	13,914
Bow Island	688	405	312	124	75	111	167	283	527	1,588	1,267	336	5,883
Medicine Hat	589	707	386	29	130	20	143	186	868	2,829	2,126	287	8,300
Aldersyde	990	1,056	947	386	423	335	651	860	916	2,240	2,495	663	11,872
Drumheller	23,917	33,218	22,147	2,509	1,704	1,777	1,661	3,759	29,711	34,783	36,325	35,110	226,621
Big Valley	5,277	5,296	2,893	1,410	595	251	806	640	4,153	3,394	2,710	2,202	29,627
Brooks	1,819	1,889	1,155	296	383	364	377	582	1,185	2,405	3,169	1,648	15,272
Hanna	3,076	3,759	2,078	1,357	533	522	753	1,255	2,967	7,666	6,821	2,146	32,933
Lacombe	1,742	1,327	1,239	2,195	196	120	104	186	740	3,021	2,356	1,281	14,507
Trochu	3,478	3,026	379	411	534	98	49	287	1,087	2,145	1,693	1,550	14,737
Three Hills	2,265	3,665	1,412	967	614	658	986	2,650	2,607	3,394	2,108	3,075	24,401
Carbon	2,655	4,103	2,245	2,607	2,225	2,233	1,273	1,555	1,667	2,887	3,667	2,553	29,670
Battle River	4,138	4,449	1,226	95	89	279	251	185	711	4,512	4,433	1,954	22,352
Camrose	6,398	6,255	4,061	1,268	682	999	1,366	2,650	3,835	4,706	4,999	10,368	47,527
Tofield	5,577	4,089	2,587	2,641	2,243	2,589	544	422	3,873	4,181	4,011	8,865	41,622
Clover Bar	37,193	39,978	28,280	20,505	15,121	8,365	11,915	26,273	33,539	34,200	35,826	29,826	321,041
Edmonton	12,080	12,680	9,005	5,905	3,781	2,780	2,585	4,660	6,327	9,083	14,625	16,933	100,414
Namoo	1,673	1,710	433	314	.....	.....	45	46	89	1,313	1,256	1,087	7,960
Cardiff	12,936	14,015	8,012	3,709	1,606	920	1,224	5,269	10,540	13,702	8,234	700	80,867
Wabamun	2,428	746	637	2,463	2,529	1,283	1,117	1,167	1,404	2,102	676	3,363	19,915
Pembina	2,487	3,252	3,761	14	.....	141	2,031	2,611	1,031	1,682	1,908	3,795	22,713
Total	148,310	165,616	111,476	53,540	37,465	26,907	30,749	60,689	125,344	168,259	167,370	148,271	1,243,996

THE MINES BRANCH

The following table shows the total amount of DOMESTIC Coal sold during each month for consumption in British Columbia:

Districts	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Lethbridge	3,782	3,463	2,688	.....	.....	.....	63	203	3,287	4,531	3,677	5,331	27,025
Magrath .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Milk River	44	66	.....	.....	74	132	.....	82	418	76	158	32	1,082
Taber .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Bow Island .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	33	.....	.....	33
Medicine Hat .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Aldersyde .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Drumheller	1,274	1,024	805	106	30	161	.....	159	2,669	4,716	4,287	3,053	18,284
Big Valley .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	32	.....	32
Brooks .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Hanna .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Lacombe .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Trochu .....	.....	60	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Three Hills .....	.....	.....	.....	.....	.....	.....	127	435	489	338	141	105	1,635
Carbon .....	.....	46	.....	.....	.....	.....	.....	33	.....	.....	.....	.....	79
Battle River .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Canrose .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Tofield .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Clover Bar	32	33	33	.....	31	.....	139	99	81	93	2,548	.....	60
Edmonton .....	.....	.....	.....	.....	.....	.....	30	.....	.....	.....	.....	.....	30
Namoo .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Cardiff .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Wabamun	817	146	95	.....	41	33	.....	105	270	115	98	67	1,787
Pembina	1,316	989	3,086	719	2,312	615	1,938	858	2,011	2,661	16,505
Total	7,265	5,827	6,707	106	176	1,045	2,671	1,791	9,152	10,760	12,952	11,249	69,701

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The following table shows the total amount of DOMESTIC Coal sold during each month for consumption in Saskatchewan:

Districts	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Lethbridge	21,501	36,723	30,324	998	1,172	796	32	2,499	41,805	55,040	61,830	41,065	293,785
Magrath .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Milk River .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Taber	1,409	1,021	400	840	1,728	2,374	1,766	2,158	5,414	6,340	953	165	24,568
Bow Island .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Medicine Hat	1,874	990	358	128	106	.....	65	1,754	3,031	4,282	5,201	2,239	20,028
Aldersyde .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Drumheller	47,273	60,700	46,982	2,601	1,970	3,745	1,850	8,006	109,257	127,895	87,003	66,318	563,600
Big Valley	559	816	241	.....	.....	.....	.....	68	1,455	847	669	223	4,878
Brooks .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Hanna	840	315	.....	397	43	.....	.....	.....	819	2,422	928	658	6,422
Lacombe	309	65	32	.....	.....	.....	.....	.....	44	72	302	343	1,167
Trochu	560	330	.....	.....	.....	.....	.....	211	209	356	132	90	1,888
Three Hills	415	307	100	.....	.....	.....	94	1,163	545	367	194	797	3,982
Carbon	75	514	433	527	898	1,003	381	1,121	301	406	1,131	292	7,082
Battle River .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	30	.....	30
Camrose	3,585	2,091	1,329	749	258	704	587	1,420	1,232	3,374	2,702	2,643	20,674
Tofield	2,550	2,264	448	89	190	99	189	1,748	5,040	11,385	6,601	9,195	39,798
Clover Bar	2,680	2,369	934	2,372	3,600	2,514	5,897	11,609	1,269	14,689	5,499	946	65,378
Edmonton	500	.....	101	625	190	388	168	330	315	483	269	.....	3,369
Namoo .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	31	.....	31
Cardiff	847	794	130	32	.....	32	.....	1,394	3,746	5,076	2,506	64	14,621
Wabamun	2,274	1,175	94	33	355	269	370	1,164	598	831	1,173	1,275	9,611
Pembina	3,415	3,388	4,091	.....	.....	512	2,678	3,181	1,156	3,733	425	1,355	23,934
Total	90,666	113,862	85,997	9,391	10,510	12,436	14,077	37,826	187,236	237,598	177,579	127,668	1,104,846

The following table shows the total amount of DOMESTIC Coal sold during each month for consumption in Manitoba:

THE MINES BRANCH

Districts	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Lethbridge	5,962	4,924	4,361	.....	.....	.....	.....	181	5,535	7,632	7,327	7,739	43,661
Magrath .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Milk River .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Taber	715	376	296	153	65	296	802	576	1,123	2,635	853	706	8,596
Bow Island .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Medicine Hat .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Aldersyde .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Drumheller	31,082	26,169	13,069	301	109	492	350	2,956	40,396	70,886	42,203	70,627	298,640
Big Valley	125	.....	.....	.....	.....	.....	.....	.....	287	729	295	95	1,531
Brooks .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Hanna .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Lacombe	32	.....	.....	.....	.....	.....	.....	.....	93	282	185	141	701
Trochu	90	60	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	32
Three Hills	285	197	.....	.....	.....	.....	.....	1,092	330	45	175	90	790
Carbon	154	396	32	40	.....	194	205	.....	2,091	3,039	1,637	2,234	10,875
Battle River .....	.....	.....	.....	.....	.....	.....	.....	80	75	105	.....	50	1,126
Camrose	177	510	.....	.....	.....	.....	.....	539	.....	388	.....	.....	.....
Tofield	252	128	64	.....	.....	.....	.....	339	149	984	543	1,494	4,247
Clover Bar	1,909	1,219	946	1,495	234	251	617	1,759	4,621	6,627	1,168	2,192	4,651
Edmonton .....	.....	.....	.....	.....	535	27	.....	350	791	734	457	230	21,076
Namoo .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2,894
Cardiff	40	33	.....	.....	33	.....	.....	437	636	1,377	654	33	3,243
Wabamun	337	102	.....	31	.....	147	426	352	668	589	945	138	3,735
Pembina	4,213	2,902	1,032	.....	.....	211	1,204	3,551	4,817	5,833	1,903	4,576	30,242
Total	45,373	37,016	19,800	2,020	976	1,713	3,604	12,212	62,505	101,993	58,916	90,345	436,473

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The following table shows the total amount of DOMESTIC Coal sold during each month for consumption in Ontario:

Districts	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Lethbridge	46	71	32	..	..	..	..	..	91	280	65	280	865
Magrath
Milk River	160	150	..	..	..	..	144	74	..	528
Taber
Bow Island
Medicine Hat
Aldersyde
Drumheller	616	372	42	..	..	..	61	63	825	2,822	3,385	2,115	10,301
Big Valley
Brooks
Hanna
Lacombe
Trochu
Three Hills
Carbon	164
Battle River
Camrose
Tofield	65	..	..	..	65
Clover Bar	65	31	..	..	..	..	..	152	213	168	357	32	1,018
Edmonton
Namoo
Cardiff
Wabamun	289	32	45	1,459	415	824	3,064
Pembina	102	32	..	..	..	..	..	1,125	1,872	928	202	383	4,644
Total	829	506	74	160	150	..	350	1,536	3,111	5,801	4,498	3,634	20,649

The following table shows the amount of DOMESTIC Coal sold for consumption in Quebec:

Districts	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Clover Bar	33	38	31	.....	102

The following table shows the amount of DOMESTIC Coal disposed of as Lump Coal for consumption in Quebec:

Districts	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Clover Bar	31	.....	31

The following table shows the amount of DOMESTIC COAL disposed of as Nut Coal for consumption in Quebec:

Districts	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Clover Bar	33	38	.....	.....	71

NOTE:—Clover Bar was the only district in the Province from which coal was reported as being sold for consumption in Quebec.

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The following table shows the total amount of DOMESTIC Coal sold during each month for consumption in United States:

Districts	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Lethbridge	589	999	538	.....	.....	.....	.....	43	419	847	1,074	1,785	6,294
Magrath	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Milk River	3	3	5	2	28	116	64	36	57	31	2	.....	347
Taber	1,201	710	263	131	167	160	296	431	496	397	117	.....	4,369
Bow Island	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Medicine Hat	439	269	.....	.....	32	.....	135	391	104	165	238	400	2,173
Aldersyde	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Drumheller	.....	.....	.....	.....	.....	.....	.....	.....	107	565	1,448	2,286	4,609
Big Valley	30	133	40	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Brooks	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Hanna	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Lacombe	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Trochu	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Three Hills	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Carbon	.....	49	.....	46	.....	.....	.....	.....	.....	.....	.....	.....	95
Battle River	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Camrose	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Tofield	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Clover Bar	.....	.....	.....	.....	.....	.....	.....	.....	.....	33	31	.....	64
Edmonton	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Namoo	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Cardiff	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Wabamun	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Pembina	.....	.....	.....	.....	.....	.....	.....	.....	.....	282	95	125	502
Total	2,262	2,163	846	179	227	276	495	901	1,183	2,320	3,005	4,596	18,453

The following table shows the total amount of SUB-BITUMINOUS Coal sold during each month for consumption in Alberta:

Districts	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Pincher Creek .	985	1,124	748	234	200	323	449	777	1,199	1,117	1,411	1,262	9,829
High River . . .	236	237	217	8	38	123	156	96	134	138	327	250	1,960
Calgary	2,515	1,736	2,699	2,286	614	2,956	1,619	120	41	41	2,434	1,626	161
Saunders	19,483	20,097	34,205	51,624	64,460	26,630	49,324	2,114	847	2,523	45,263	38,377	23,969
Yellowhead . . .								34,221	26,204	36,111			445,999
Total	23,219	23,194	37,869	54,152	65,312	30,032	51,548	37,328	28,425	39,889	49,435	41,515	481,918

The following table shows the total amount of SUB-BITUMINOUS Coal sold during each month for consumption in British Columbia:

Districts	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Pincher Creek .	163	169	117	.....	.....	.....	.....	42	.....	.....	67	.....	558
High River . . .	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Calgary . . . . .	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Saunders . . . . .	.....	.....	.....	.....	.....	33	40	28	134	141	308	43	727
Yellowhead . . .	1,111	1,486	1,145	498	885	301	621	838	1,686	1,546	1,078	2,084	13,279
Total	1,274	1,655	1,262	498	885	334	661	908	1,820	1,687	1,453	2,127	14,564

The following table shows the total amount of SUB-BITUMINOUS Coal sold during each month for consumption in Saskatchewan:

Districts	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Pincher Creek .	84	.....	39	.....	.....	.....	.....	.....	.....	.....	.....	.....	123
High River .	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Calgary .	1,070	2,125	1,017	716	1,059	1,444	2,149	3,477	1,926	4,133	2,808	1,999	23,923
Saunders .	1,592	697	461	839	150	275	1,323	9,080	7,592	3,241	762	1,280	27,292
Yellowhead .	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total	2,746	2,822	1,517	1,555	1,209	1,719	3,472	12,557	9,518	7,374	3,570	3,279	51,338

The following table shows the total amount of SUB-BITUMINOUS Coal sold during each month for consumption in Manitoba.

Districts	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Pincher Creek .	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
High River .	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Calgary .	1,298	552	241	99	136	207	1,121	1,252	2,588	3,450	4,899	4,795	20,638
Saunders .	1,413	595	428	74	.....	334	715	6,503	11,795	10,503	3,289	6,695	42,344
Yellowhead .	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total	2,711	1,147	669	173	136	541	1,836	7,755	14,383	13,953	8,188	11,490	62,982

The following table shows the total amount of SUB-BITUMINOUS Coal sold during each month for consumption in Ontario:

Districts	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Pincher Creek . . . . .	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
High River . . . . .	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Calgary . . . . .	.....	.....	.....	.....	.....	.....	33	66	66	.....	165	63	393
Saunders . . . . .	.....	.....	.....	.....	.....	.....	.....	128	.....	106	37	95	405
Yellowhead	39	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total	39	.....	.....	.....	.....	.....	33	194	66	166	202	158	798

The following table shows the total amount of SUB-BITUMINOUS Coal sold during each month for consumption in United States:

Districts	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Pincher Creek	44	.....	.....	135	122	301
High River
Calgary	50	.....	50
Saunders
Yellowhead
Total	44	.....	.....	185	122	351

The following table shows the total amount of BITUMINOUS Coal sold during each month for consumption in Alberta:

Districts	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Crow's Nest Ps.	89,260	108,478	145,561	1,924	209	1,746	1,590	7,335	97,829	100,127	128,818	138,052	820,929
Canmore	16,041	19,297	28,546	.....	.....	.....	.....	2,728	20,658	23,474	21,072	23,103	154,919
Brazeau	30,469	27,176	39,066	1	.....	10	.....	2,297	40,355	54,662	61,572	59,440	315,048
Jasper Park	38,778	25,121	34,799	14,251	25,745	22,848	14,755	26,018	25,754	30,128	37,070	28,213	323,480
Mountain Park	19,694	15,795	24,005	853	5,207	4,313	5,484	5,121	18,166	23,696	28,182	24,982	175,498
Total	194,242	195,867	271,977	17,029	31,161	28,917	21,829	43,499	202,762	232,087	276,714	273,790	1,789,874

The following table shows the total amount of BITUMINOUS Coal sold during each month for consumption in British Columbia:

Districts	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Crow's Nest Ps.	1,320	2,485	2,387	47	110	.....	50	65	1,195	1,144	947	636	10,386
Canmore	33	.....	29	.....	.....	.....	.....	.....	46	45	36	32	221
Brazeau	200	40	.....	.....	.....	.....	.....	.....	.....	1	.....	63	304
Jasper Park	806	969	3,916	.....	70	557	425	1,346	1,047	735	804	841	11,516
Mountain Park	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total	2,359	3,494	6,332	47	180	557	475	1,411	2,288	1,925	1,787	1,572	22,427

The following table shows the total amount of BITUMINOUS Coal sold during each month for consumption in Saskatchewan:

Districts	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Crow's Nest Ps.	5,845	4,977	5,991	425	328	563	994	3,602	15,151	5,464	4,363	7,067	54,770
Canmore	48	205	445	.....	.....	.....	.....	128	511	338	77	42	1,794
Brazeau	.....	.....	.....	.....	.....	.....	.....	.....	37	.....	.....	.....	37
Jasper Park	120	40	.....	.....	.....	.....	22	64	.....	.....	.....	.....	246
Mountain Park	24,009	16,711	14,279	66	.....	328	348	3,708	17,082	31,968	23,473	25,450	157,422
Total	30,022	21,933	20,715	491	328	891	1,364	7,502	32,781	37,770	27,913	32,559	214,269

The following table shows the total amount of BITUMINOUS Coal sold during each month for consumption in Manitoba:

Districts	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Crow's Nest Ps.	929	1,360	80	.....	.....	.....	.....	414	3,292	2,581	1,083	2,018	11,757
Canmore	31	.....	29	.....	.....	.....	.....	.....	44	.....	41	29	174
Brazeau	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Jasper Park	.....	.....	.....	.....	.....	.....	.....	.....	34	.....	.....	.....	34
Mountain Park	684	379	302	33	.....	.....	.....	704	3,153	982	1,380	1,471	9,088
Total	1,644	1,739	411	33	.....	.....	.....	1,118	6,523	3,563	2,504	3,518	21,053

The following table shows the total amount of BITUMINOUS Coal sold during each month for consumption in Ontario:

Districts	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Crow's Nest Ps.	92	.....	92
Canmore
Brazeau
Jasper Park	34	.....	.....	.....	34
Mountain Park.
Total	34	.....	92	.....	126

The following table shows the total amount of BITUMINOUS Coal sold during each month
for consumption in United States:

Districts	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Crow's Nest Ps.	6,892	5,569	20,731	255	1,260	700	820	856	5,581	10,227	22,964	10,785	86,640
Canmore	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Brazeau	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Jasper Park	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mountain Park.
Total	6,892	5,569	20,731	255	1,260	700	820	856	5,581	10,227	22,964	10,785	86,640

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The following table shows the total sales of DOMESTIC Coal disposed of as Lump Coal during each month in Districts:

Districts	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Lethbridge	37,966	49,763	44,881	1,905	1,649	1,631	1,356	5,140	53,580	72,874	75,898	57,249	463,892
Magrath	191	390	235	30	75	107	103	171	134	275	373	203	2,287
Milk River	331	275	211	89	69	142	179	189	244	500	450	280	2,959
Taber	2,385	2,281	1,161	1,160	2,145	2,181	2,102	2,379	6,169	7,558	2,453	1,710	33,684
Bow Island	453	303	276	112	72	87	110	141	299	1,191	1,179	286	4,509
Medicine Hat	1,093	664	229	48	32	7	137	1,287	1,989	3,480	2,695	1,181	12,842
Aldersyde	342	439	455	171	190	148	319	361	409	743	1,254	310	5,141
Drumheller	74,986	87,289	57,113	3,104	2,409	4,149	2,796	10,786	136,419	181,755	132,422	135,869	829,097
Big Valley	1,534	1,135	203	296	166	...	291	171	3,572	1,935	1,127	794	11,224
Brooks	605	544	448	139	218	200	235	392	882	1,700	1,814	450	7,627
Hanna	1,631	1,677	503	1,013	236	164	442	673	1,882	4,885	3,289	1,606	18,001
Lacombe	457	412	283	105	11	10	8	19	81	525	684	577	3,172
Trochu	1,420	1,385	11	...	...	34	...	363	608	1,613	1,046	785	7,265
Three Hills	2,268	3,252	1,211	694	464	401	833	3,651	3,730	4,612	3,045	3,920	28,081
Carbon	1,275	3,011	1,436	1,641	1,479	1,816	1,011	1,524	1,372	2,146	2,865	1,878	21,454
Battle River	1,480	1,453	340	41	82	264	170	142	347	2,616	2,251	1,003	10,189
Camrose	6,221	5,304	3,322	777	171	182	608	2,210	3,331	4,792	4,462	8,539	39,919
Tofield	8,039	6,290	2,897	2,574	2,243	2,526	480	2,146	7,697	15,995	10,689	19,579	81,155
Clover Bar	24,191	25,364	13,411	6,217	3,571	1,814	6,123	20,016	27,718	31,250	26,714	19,441	205,884
Edmonton	6,053	6,609	3,494	1,274	981	288	279	1,220	3,044	5,042	7,582	7,748	43,614
Namoo	650	690	107	...	...	...	...	...	...	330	217	112	2,106
Cardiff	6,861	7,341	4,047	1,531	562	260	306	3,118	8,470	11,204	7,289	508	51,447
Wabamun	540	380	161	79	117	106	348	845	804	1,313	1,172	1,230	7,095
Pembina	3,993	3,389	1,043	...	...	683	3,684	6,469	6,497	7,640	3,690	5,046	42,134
Total	184,965	209,640	137,478	23,054	16,942	17,200	21,920	63,413	269,228	365,974	294,660	270,304	1,874,778

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The following table shows the total sales of DOMESTIC Coal disposed of as Mine Run Coal during each month:

Districts	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Lethbridge	2,690	3,843	893	143	128	60	81	237	135	873	451	472	10,006
Magrath	4	8	6	.....	.....	.....	42	144	94	206	258	88	850
Milk River	705	545	284	117	174	184	264	496	669	1,077	934	405	5,854
Taber	1,360	70	67	45	56	59	51	446	218	283	106	217	2,978
Bow Island	222	82	26	10	.....	21	50	135	218	352	67	38	1,221
Medicine Hat	1,261	208	487	104	236	12	206	595	1,228	2,559	3,388	1,243	11,527
Aldersyde	597	617	492	202	209	170	299	455	463	1,391	1,062	345	6,302
Drumheller	2,088	1,960	1,315	480	433	307	324	179	593	490	860	397	9,426
Big Valley	3,719	4,386	2,653	859	391	251	472	404	1,607	2,180	2,116	1,376	20,414
Brooks	1,213	1,345	707	157	165	164	142	190	303	705	1,350	1,198	7,639
Hanna	1,550	1,771	1,201	331	230	257	200	449	832	1,967	1,603	713	11,104
Lacombe	1,626	980	988	2,090	185	110	96	167	703	2,560	1,964	1,042	12,511
Trochu	2,508	1,821	368	411	534	64	49	75	806	715	882	822	9,055
Three Hills	257	177	78	42	35	55	61	83	136	866	327	1,149	3,266
Carbon	1,178	995	239	202	56	70	172	169	157	371	579	288	4,476
Battle River	2,593	2,958	882	54	7	15	81	43	360	1,869	2,104	918	11,884
Camrose	575	308	563	729	441	1,254	899	432	398	518	606	1,178	7,901
Tofield	310	171	192	152	190	162	253	423	1,360	545	452	663	4,873
Clover Bar	772	844	2,098	5,760	7,428	5,776	5,219	4,285	140	67	603	668	33,660
Edmonton	1,026	83	101	1,522	724	1,242	539	1,163	33	65	171	37	6,706
Namoo	357	272	175	202	.....	.....	45	40	89	644	511	542	2,877
Cardiff	431	709	536	480	361	228	418	674	188	755	199	33	5,012
Wabamun	.....	589	127	2,287	2,454	1,252	519	106	51	.....	.....	.....	7,385
Pembina	.....	.....	.....	10	.....	.....	.....	2,443	2,076	3,552	1,673	.....	9,754
Total	27,042	24,742	14,478	16,389	14,437	11,713	10,482	13,833	12,857	24,610	22,266	13,832	206,681

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The following table shows the total sales of DOMESTIC Coal disposed of as Nut Coal during each month in Districts:

Districts	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Lethbridge	3,414	4,683	5,723	158	101	94	71	591	9,677	12,489	13,327	11,581	61,909
Magrath	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Milk River	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Taber	625	827	444	668	1,295	1,020	1,350	1,353	2,167	2,748	844	163	13,504
Bow Island	7	15	4	2	.....	.....	.....	.....	.....	5	10	6	49
Medicine Hat	548	1,094	28	5	.....	.....	.....	449	894	1,261	1,171	502	5,953
Aldersyde	51	.....	.....	13	24	17	33	44	44	106	89	8	429
Drumheller	15,111	16,753	13,088	1,217	429	858	532	2,483	27,425	37,543	23,856	22,888	162,183
Big Valley	298	158	6	.....	.....	.....	.....	.....	327	223	261	20	1,293
Brooks	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Hanna	524	528	369	378	110	101	111	133	1,100	3,161	2,826	613	9,954
Lacombe	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Trochu	200	210	.....	.....	.....	.....	.....	60	182	218	72	123	1,065
Three Hills	304	482	124	136	85	85	195	1,029	1,289	1,228	591	510	6,058
Carbon	369	927	798	1,079	1,068	938	370	758	323	632	882	535	8,679
Battle River	34	38	4	.....	.....	.....	.....	.....	4	53	100	28	261
Camrose	2,851	2,481	1,072	267	120	38	75	943	1,748	2,759	2,322	3,706	18,382
Tofield	30	20	10	4	.....	.....	.....	.....	5	10	14	10	103
Clover Bar	9,606	9,705	9,331	8,934	5,569	2,627	4,541	8,732	11,577	13,021	10,450	5,987	100,080
Edmonton	3,268	3,659	3,769	2,357	1,547	892	1,059	1,796	3,210	3,436	4,726	4,526	34,245
Namoo	394	393	40	.....	.....	.....	.....	.....	.....	170	140	48	1,185
Cardiff	2,504	2,685	1,616	787	266	206	209	1,360	3,048	4,045	2,582	106	19,474
Wabamun	4,138	763	393	109	253	224	827	1,114	1,549	2,276	977	3,104	15,727
Pembina	7,295	7,174	10,927	4	.....	900	4,541	2,171	2,241	2,124	1,181	7,849	46,407
Total	51,631	52,595	47,746	16,118	10,867	8,001	13,914	23,016	66,810	87,508	66,421	62,316	506,943

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The following table shows the total sales of DOMESTIC Coal disposed of as Slack Coal during each month in Districts:

Districts	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Lethbridge	2,515	5,578	3,139	2,113	1,099	704	.....	105	2,979	5,022	7,550	5,261	36,065
Magrath .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Milk River .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Taber .....	.....	84	144	191	595	754	185	127	126	444	241	.....	2,891
Bow Island	6	5	6	.....	3	3	7	7	10	40	11	6	104
Medicine Hat .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	117	528	.....	645
Aldersyde .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Drumheller	12,007	15,614	11,569	716	542	861	270	1,495	18,528	21,879	17,513	20,355	121,349
Big Valley	410	433	272	255	38	.....	43	133	389	632	202	330	3,137
Brooks	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	5	.....	6
Hanna	211	98	5	32	.....	.....	.....	.....	65	357	216	13	997
Lacombe .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	10	5	23
Trochu .....	.....	60	.....	.....	.....	.....	.....	.....	30	.....	.....	.....	90
Three Hills	136	258	99	95	30	212	323	741	577	432	117	632	3,652
Carbon	62	175	237	298	520	606	101	338	191	249	472	194	3,443
Battle River	31	.....	.....	.....	.....	.....	.....	.....	.....	4	8	5	48
Camrose	513	763	433	244	208	229	311	1,024	440	399	665	1,082	6,311
Tofield .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Clover Bar	7,310	7,717	5,353	3,407	2,418	913	2,685	6,859	11,341	11,510	7,693	4,938	72,144
Edmonton	2,203	2,329	1,742	1,377	1,254	773	906	1,161	1,146	1,757	2,872	4,622	22,142
Namoo	272	355	111	112	.....	.....	.....	.....	.....	169	419	385	1,823
Cardiff	3,967	4,107	1,943	943	450	258	291	1,948	3,266	4,151	1,324	150	22,798
Wabamun	1,178	437	145	52	101	150	508	755	581	1,507	1,158	1,333	7,905
Pembina	245	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	245
Total	31,067	38,013	25,198	9,835	7,258	5,463	5,630	14,693	39,669	48,677	41,004	39,311	305,818

The following table shows the total sales of SUB-BITUMINOUS Coal disposed of as Lump Coal during each month:

Districts	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Pincher Creek .	276	182	139	1	6	4	4	33	102	126	122	120	1,115
High River . .	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Calgary	2,356	2,649	1,475	681	813	1,228	1,847	2,568	2,736	5,950	5,911	4,941	33,155
Saunders	1,302	1,100	418	231	163	4	624	5,382	7,515	6,788	2,385	4,085	29,997
Yellowhead . .	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total	3,934	3,931	2,032	913	982	1,236	2,475	8,003	10,353	12,864	8,418	9,146	64,287

The following table shows the total sales of SUB-BITUMINOUS Coal disposed of as Mine Run Coal during each month:

Districts	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Pincher Creek .	688	587	624	233	183	297	440	747	659	675	1,092	980	7,205
High River . .	236	237	217	8	38	123	156	96	134	138	327	250	1,960
Calgary . . . .	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Saunders	620	224	1,233	1,218	610	1,805	1,463	2,493	569	443	513	231	41
Yellowhead . .	20,780	21,122	35,467	52,561	64,490	22,073	46,079	40,727	33,698	38,498	46,179	37,652	11,422
Total	22,324	22,170	37,541	54,020	65,321	24,298	48,138	44,063	35,101	39,754	48,111	39,113	479,954

The following table shows the total sales of SUB-BITUMINOUS Coal disposed of as Nut Coal during each month:

Districts	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Pincher Creek	23	60	4	.....	.....	.....	.....	9	28	39	74	38	275
High River	.....	.....	.....	.....	.....	.....	.....	100	.....	.....	.....	.....	100
Calgary	.....	568	628	1,117	.....	.....	339	582	628	296	650	105	4,913
Saunders	.....	335	130	3	2	1,588	4,800	2,822	2,544	3,253	1,425	3,711	21,205
Yellowhead	592	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total	615	963	762	1,120	2	1,588	5,139	3,513	3,200	3,588	2,149	3,854	26,493

The following table shows the total sales of SUB-BITUMINOUS Coal disposed of as Slack Coal during each month:

Districts	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Pincher Creek	245	464	137	.....	11	22	5	74	410	277	325	246	2,216
High River	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Calgary	1,907	972	621	85	386	1,607	1,313	1,294	1,628	3,558	3,590	3,249	20,210
Saunders	.....	318	224	240	840	3,875	480	1,839	3,520	2,968	440	3,083	18,791
Yellowhead	964	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total	3,116	1,754	982	325	1,237	5,504	1,798	3,207	5,558	6,803	4,355	6,578	41,217

The following table shows the total sales of BITUMINOUS Coal disposed of as Lump Coal during each month:

Districts	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Crow's Nest Ps.	1,963	2,849	2,973	230	49	48	12	256	2,587	1,922	2,348	2,255	17,492
Canmore	37	50	261	.....	.....	.....	.....	.....	.....	112	75	96	631
Brazeau .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Jasper Park .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mountain Park	323	333	306	3	7	26	35	5	33	83	214	222	1,590
Total	2,323	3,232	3,540	233	56	74	47	261	2,620	2,117	2,637	2,573	19,713

The following table shows the total sales of BITUMINOUS Coal disposed of as Mine Run Coal during each month:

Districts	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Crow's Nest Ps.	93,369	110,273	157,653	2,284	1,858	2,951	3,442	11,983	112,342	107,845	145,488	148,218	897,706
Canmore	15,731	19,039	27,812	.....	.....	.....	.....	2,699	21,074	23,456	20,625	22,497	152,933
Brazeau	30,469	27,176	39,066	1	.....	10	.....	2,297	40,392	54,662	61,572	59,440	315,085
Jasper Park	39,098	25,201	34,799	14,251	25,745	22,848	14,777	26,082	25,822	30,129	37,070	28,276	324,098
Mountain Park	44,870	33,521	42,163	949	5,270	5,172	6,222	10,874	39,415	57,296	53,625	52,522	351,899
Total	223,537	215,210	301,493	17,485	32,873	30,981	24,441	53,935	239,045	273,388	318,330	310,953	2,041,721

The following table shows the total sales of BITUMINOUS Coal disposed of as Nut Coal during each month:

Districts	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Crow's Nest Ps.	3,313	1,367	1,732	137	.....	10	.....	33	1,938	1,374	1,379	1,124	12,407
Canmore	385	362	615	.....	.....	.....	.....	157	185	208	389	613	2,914
Brazeau .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Jasper Park .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mountain Park	33	2	35
Total	3,698	1,729	2,380	137	10	190	2,123	1,584	1,768	1,737	15,356

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The following table shows the amount of DOMESTIC Coal disposed of as Lump Coal during each month for consumption in Alberta:

Districts	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Lethbridge	10,499	11,499	11,424	1,763	1,300	1,293	1,261	2,513	10,549	13,851	12,655	11,158	89,765
Magrath	191	390	235	30	75	107	103	171	134	275	373	203	2,287
Milk River	328	272	206	87	63	50	146	189	244	499	450	280	2,814
Taber	430	757	453	339	709	324	397	491	686	797	1,154	940	7,477
Bow Island	453	303	276	112	72	87	110	141	299	1,191	1,179	286	4,509
Medicine Hat	140	269	229	.....	.....	7	.....	113	228	1,040	308	74	2,410
Aldersyde	342	439	455	.....	.....	148	319	361	409	743	1,254	310	5,141
Drumheller	13,219	20,463	11,814	1,002	774	877	876	2,320	6,413	20,195	20,566	20,163	118,682
Big Valley	1,172	892	33	296	166	.....	291	133	1,961	748	277	507	6,476
Brooks	605	544	448	139	218	200	235	392	882	1,700	1,814	450	7,627
Hanna	941	1,462	503	708	193	164	442	673	1,166	3,414	2,804	1,210	13,680
Lacombe	292	347	283	105	11	10	8	.....	37	525	684	427	2,748
Trochu	910	1,065	11	.....	.....	34	.....	182	69	1,212	739	635	4,857
Three Hills	1,662	2,880	1,111	694	464	306	442	1,261	1,282	1,400	1,230	1,456	14,188
Carbon	1,121	2,339	1,235	1,322	1,189	1,259	865	926	1,039	1,790	2,200	1,606	16,891
Battle River	1,480	1,453	340	41	82	264	170	142	347	2,616	2,251	1,003	10,189
Camrose	3,681	3,678	2,779	678	171	182	439	762	1,875	2,441	2,773	6,168	25,627
Tofield	5,397	3,931	2,577	2,574	2,211	2,493	417	266	2,925	4,171	3,545	8,855	39,362
Clover Bar	20,522	23,083	12,657	5,144	2,757	1,241	3,013	10,997	14,844	15,372	19,676	18,595	147,901
Edmonton	6,053	6,609	3,494	1,274	446	261	205	980	2,382	3,960	7,053	7,748	40,465
Namoo	650	690	107	.....	.....	.....	.....	.....	.....	330	186	112	2,075
Cardiff	6,217	6,746	3,981	1,499	562	228	306	1,713	4,847	5,955	4,786	411	37,251
Wabamun	306	135	98	48	8	73	82	265	52	99	138	1,062	2,366
Pembina	1,849	1,584	413	.....	.....	48	1,176	559	658	763	1,304	1,983	10,337
Total	78,460	91,830	55,162	18,026	11,661	9,656	11,305	25,569	53,328	85,087	89,399	85,642	615,125

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The following table shows the amount of DOMESTIC Coal disposed of as Mine Run Coal during each month for consumption in Alberta:

Districts	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Lethbridge	366	436	362	143	128	60	81	194	135	873	451	472	3,701
Magrath	4	8	6	...	...	...	42	144	94	206	258	88	850
Milk River	705	545	284	117	152	160	233	460	612	1,047	932	405	5,652
Taber	519	70	67	45	56	59	51	104	218	283	106	217	1,795
Bow Island	222	82	26	10	...	21	50	135	218	352	67	38	1,221
Medicine Hat	364	168	129	24	...	12	141	58	579	1,037	905	185	3,732
Aldersyde	597	617	492	202	209	170	299	455	463	1,391	1,062	345	6,302
Drumheller	1,521	1,362	735	325	403	181	324	147	17,507	243	371	264	23,383
Big Valley	3,397	3,813	2,582	859	391	251	472	404	1,570	2,180	2,083	1,376	19,378
Brooks	1,213	1,345	707	157	165	164	142	190	303	705	1,350	1,198	7,639
Hanna	1,550	1,771	1,201	331	230	257	200	449	832	1,967	1,603	503	10,894
Lacombe	1,450	980	956	2,090	185	110	96	167	703	2,488	1,662	849	11,736
Trochu	2,508	1,821	368	411	534	64	49	75	806	715	882	822	9,055
Three Hills	257	177	78	42	35	55	61	83	136	866	327	789	2,906
Carbon	1,178	950	239	202	56	70	172	129	157	371	386	288	4,198
Battle River	2,593	2,958	882	54	7	15	81	43	360	1,869	2,074	918	11,854
Camrose	575	308	211	110	254	550	512	147	398	476	606	1,178	5,325
Tofield	150	138	...	63	32	96	127	156	943	...	452	...	2,157
Clover Bar	772	844	2,030	4,742	5,330	4,090	2,524	2,355	140	...	67	...	24,165
Edmonton	83	...	...	897	534	854	475	1,163	33	65	171	37	4,838
Namoo	357	272	175	202	...	...	45	40	89	644	511	542	2,877
Cardiff	431	676	505	480	328	228	418	572	118	683	199	33	4,671
Wabamun .....	...	31	93	2,287	2,348	1,114	411	...	...	...	...	...	6,284
Pembina .....	...	...	...	10	...	...	...	1,827	213	550	396	...	2,996
Total	21,255	19,455	12,128	13,803	11,507	8,581	7,006	9,497	26,627	19,078	17,457	11,215	177,609

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The following table shows the amount of DOMESTIC Coal disposed of as Nut Coal during each month for consumption in Alberta:

Districts	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Lethbridge	1,494	2,027	2,044	158	101	52	71	335	3,136	3,912	4,409	3,213	20,952
Magrath .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Milk River .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Taber	52	178	193	205	547	181	191	336	245	361	229	30	2,748
Bow Island	7	15	4	2	.....	.....	.....	.....	.....	.....	.....	.....	.....
Medicine Hat	85	270	28	5	.....	.....	.....	.....	.....	.....	.....	.....	.....
Aldersyde	51	.....	.....	13	24	17	33	15	61	635	385	28	1,513
Drumheller	3,916	4,644	4,655	654	149	418	223	44	281	6,109	6,615	8	1,429
Big Valley	298	158	6	.....	.....	.....	.....	636	233	23	228	20	33,345
Brooks .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Hanna	374	428	369	286	110	101	111	133	904	1,994	2,198	420	966
Lacombe .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Trochu	60	140	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Three Hills	210	350	124	136	85	85	160	30	182	218	72	93	795
Carbon	294	708	722	934	800	645	193	565	612	696	434	198	3,635
Battle River	34	38	4	.....	.....	.....	.....	359	280	522	851	535	6,843
Camrose	1,677	1,571	675	267	120	38	75	.....	4	53	100	28	261
Tofield	30	20	10	4	.....	.....	.....	750	1,122	1,423	955	1,940	10,613
Clover Bar	8,680	8,897	8,714	7,893	4,896	2,234	4,001	6,587	5	10	14	10	103
Edmonton	3,268	3,659	3,769	2,357	1,547	892	999	1,356	7,574	7,504	7,900	5,625	80,505
Namoo	394	393	40	.....	.....	.....	.....	.....	2,766	3,301	4,529	4,526	32,969
Cardiff	2,321	2,486	1,583	787	266	206	209	1,036	2,309	1,70	140	48	1,185
Wabamun	980	189	301	76	173	46	165	247	922	2,913	1,925	106	16,147
Pembina	638	1,668	3,348	4	.....	93	855	225	160	369	208	1,812	4,872
Total	24,872	27,839	26,589	13,781	8,818	5,009	7,286	12,654	20,840	30,820	31,591	24,662	234,761

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The following table shows the amount of DOMESTIC Coal disposed of as Slack Coal during each month for consumption in Alberta.

Districts	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Lethbridge	2,346	3,725	2,863	1,257	276	288	.....	105	1,414	4,292	5,738	3,520	25,824
Magrath .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Milk River .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Taber .....	.....	84	144	191	595	488	185	127	80	.....	.....	.....	1,894
Bow Island	6	5	6	.....	3	3	7	7	10	40	11	6	104
Medicine Hat .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	117	528	.....	645
Aldersyde .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Drumheller	5,261	6,749	4,943	528	378	301	238	656	5,510	8,236	8,773	9,638	51,211
Big Valley	410	433	272	255	38	.....	43	103	389	443	122	299	2,807
Brooks	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	5	.....	6
Hanna	211	98	5	32	.....	.....	.....	.....	65	291	216	13	931
Lacombe .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	8	10	5	23
Trochu .....	.....	.....	.....	.....	.....	.....	.....	.....	30	.....	.....	.....	30
Three Hills	136	258	99	95	30	212	323	741	577	432	117	632	3,652
Carbon	62	106	49	149	180	259	43	141	191	204	230	124	1,738
Battle River	31	.....	.....	.....	.....	.....	.....	.....	.....	4	8	5	48
Camrose	465	698	396	213	137	229	280	991	440	366	665	1,082	5,962
Tofield .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Clover Bar	7,219	7,154	4,879	2,726	2,138	800	2,377	6,334	11,001	11,257	7,647	4,938	68,470
Edmonton	2,203	2,329	1,742	1,377	1,254	773	906	1,161	1,146	1,757	2,872	4,622	22,142
Nanao	272	355	111	112	.....	.....	.....	.....	.....	169	419	385	1,823
Cardiff	3,967	4,107	1,943	943	450	258	291	1,948	3,266	4,151	1,324	150	22,798
Wabamun	1,133	391	145	52	.....	50	459	655	430	1,507	238	1,333	6,393
Pembina .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total	23,723	26,492	17,597	7,930	5,479	3,661	5,152	12,969	24,549	33,274	28,923	26,752	216,501

The following table shows the amount of SUB-BITUMINOUS Coal disposed of as Lump Coal during each month for consumption in Alberta:

Districts	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Pincher Creek .	236	182	139	1	6.	4	4	33	102	126	122	120	1,075
High River . . .	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Calgary	676	817	570	318	234	504	312	20	288	1,536	1,381	941	7,741
Saunders	115	144	54	60	43	4	70	105	363	903	260	267	2,388
Yellowhead . . .													
Total	1,027	1,143	763	379	283	512	386	322	753	2,565	1,763	1,328	11,224

The following table shows the amount of SUB-BITUMINOUS Coal disposed of as Mine Run Coal during each month for consumption in Alberta:

Districts	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Pincher Creek .	481	418	468	233	183	297	440	661	659	675	890	858	6,263
High River . . .	236	237	217	8	38	123	156	96	134	138	327	250	1,960
Calgary . . . . .	.....	.....	.....	.....	.....	.....	.....	.....	41	.....	.....	.....	41
Saunders	515	191	1,233	1,218	304	1,483	640	1,372	79	309	293	187	7,824
Yellowhead . . .	19,117	19,945	34,113	51,561	63,655	21,428	44,881	33,715	25,686	35,058	44,844	35,424	429,427
Total	20,349	20,791	36,031	53,020	64,180	23,331	46,117	35,844	26,599	36,180	46,354	36,719	445,515

The following table shows the amount of SUB-BITUMINOUS Coal disposed of as Nut Coal during each month for consumption in Alberta:

Districts	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Pincher Creek .	23	60	4	.....	.....	.....	.....	9	28	39	74	38	275
High River .	.....	.....	.....	.....	.....	.....	.....	100	.....	.....	.....	.....	.....
Calgary .	.....	518	628	665	.....	.....	38	78	20	136	170	75	100
Saunders .	.....	8	38	3	2	1,522	4,160	370	123	150	159	641	2,328
Yellowhead .	104	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	7,280
Total	127	586	670	668	2	1,522	4,198	557	171	325	403	754	9,983

The following table shows the amount of SUB-BITUMINOUS Coal disposed of as Slack Coal during each month for consumption in Alberta:

Districts	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Pincher Creek .	245	464	137	.....	11	22	5	74	410	277	325	246	2,216
High River .	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Calgary .	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Saunders .	1,324	210	268	85	76	969	629	500	460	542	590	423	6,076
Yellowhead .	147	.....	.....	.....	760	3,676	213	31	32	.....	.....	2,045	6,904
Total	1,716	674	405	85	847	4,667	847	605	902	819	915	2,714	15,196

The following table shows the amount of BITUMINOUS Coal disposed of as Lump Coal during each month for consumption in Alberta:

Districts	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Crow's Nest Ps.	1,145	1,428	1,968	197	49	48	12	192	330	440	860	1,462	8,131
Canmore	37	50	164	.....	.....	.....	.....	.....	.....	112	39	64	466
Brazeau .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Jasper Park .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mountain Park	173	203	273	3	7	2	2	5	33	83	150	222	1,156
Total	1,355	1,681	2,405	200	56	50	14	197	363	635	1,049	1,748	9,753

The following table shows the amount of BITUMINOUS Coal disposed of as Mine Run Coal during each month for consumption in Alberta:

Districts	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Crow's Nest Ps.	85,377	103,541	136,236	1,683	160	1,688	1,578	7,110	94,070	96,452	124,658	134,924	787,477
Canmore	15,667	18,834	27,715	.....	.....	.....	.....	2,571	20,516	23,103	20,384	22,468	151,458
Brazeau	30,469	27,176	39,066	1	.....	10	.....	2,297	40,355	54,662	61,572	59,440	315,048
Jasper Park	38,778	25,121	34,799	14,251	25,745	22,848	14,755	26,018	25,754	30,128	37,070	28,213	323,480
Mountain Park	19,521	15,592	23,699	850	5,200	4,311	5,482	5,116	18,133	23,611	28,032	24,760	174,307
Total	189,812	190,264	261,515	16,785	31,105	28,857	21,815	43,112	198,828	227,956	271,916	269,805	1,751,770

The following table shows the amount of BITUMINOUS Coal disposed of as Nut Coal during each month for consumption in Alberta:

Districts	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Crow's Nest Ps.	2,009	520	940	44	.....	10	.....	33	962	429	564	221	5,732
Cannore	337	362	615	.....	.....	.....	.....	157	142	208	312	571	2,704
Brazeau .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Jasper Park .....	.....	.....	33	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mountain Park	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	.....	.....	35
Total	2,346	882	1,588	44	.....	10	.....	190	1,104	639	876	792	8,471

The following table shows the amount of BITUMINOUS Coal disposed of as Slack Coal during each month for consumption in Alberta:

Districts	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Crow's Nest Ps.	729	2,989	6,417	.....	.....	.....	.....	.....	2,467	2,806	2,736	1,445	19,589
Cannore .....	.....	51	52	.....	.....	.....	.....	.....	.....	51	137	.....	291
Brazeau .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Jasper Park .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mountain Park	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total	729	3,040	6,469	.....	.....	.....	.....	.....	2,467	2,857	2,873	1,445	19,880

The following table shows the amount of DOMESTIC Coal disposed of as Lump Coal during each month for consumption in British Columbia:

Districts	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Lethbridge	2,869	2,911	2,085	.....	.....	.....	63	172	2,177	3,467	2,975	4,287	21,006
Magrath .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Milk River .....	.....	.....	.....	.....	74	99	.....	82	300	43	85	32	792
Taber	44	33	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Bow Island .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Medicine Hat .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Aldersyde .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Drumheller	1,033	889	733	73	.....	98	.....	159	1,765	3,858	3,586	2,653	14,847
Big Valley .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	32	.....	32
Brooks .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Hanna .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Lacombe .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Trochu .....	.....	.....	.....	.....	.....	.....	122	404	373	244	141	105	1,389
Three Hills .....	.....	46	.....	.....	.....	.....	.....	33	.....	.....	.....	.....	79
Carbon .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Battle River .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Camrose .....	.....	.....	.....	.....	.....	.....	.....	60	.....	.....	.....	.....	60
Tofield .....	.....	.....	.....	.....	.....	.....	139	99	81	.....	1,335	.....	1,783
Clover Bar	32	33	33	.....	31	.....	.....	.....	.....	.....	.....	.....	.....
Edmonton .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Namoo .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Cardiff .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	77	.....	67	339
Wabamun	104	28	63	.....	.....	568	1,788	454	826	648	606	625	6,361
Pembina	370	238	238
Total	4,452	4,178	3,152	73	105	765	2,112	1,463	5,522	8,337	8,760	7,769	46,688

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The following table shows the amount of DOMESTIC Coal disposed of as Mine Run Coal during each month for consumption in British Columbia:

Districts	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Lethbridge
Magrath
Milk River
Taber
Bow Island
Medicine Hat
Aldersyde	33	30	63	.....	.....	33	.....	.....	.....	159
Drumheller
Big Valley
Brooks
Hanna
Lacombe
Trochu
Three Hills
Carbon
Battle River
Canrose
Tofield
Clover Bar
Edmonton
Namoo
Cardiff
Wabamun	733	1,212	1,945
Pembina
Total	33	30	63	766	1,212	2,104

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The following table shows the amount of DOMESTIC Coal disposed of as Nut Coal for consumption in British Columbia:

Districts	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Lethbridge	819	552	603	.....	.....	.....	.....	31	1,110	1,064	702	1,044	5,925
Magrath
Milk River
Taber	33	.....	.....	.....	33	.....	.....	118	33	73	.....	290
Bow Island
Medicine Hat	33	.....	.....	33
Aldersyde	807	503	258	400	2,416
Drumheller	241	135	72	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Big Valley
Brooks
Hanna
Lacombe
Trochu
Three Hills	5	31	116	94	.....	.....	246
Carbon
Battle River
Camrose
Tofield
Clover Bar	93	1,213	.....	1,306
Edmonton	30	.....	.....	.....	.....	.....	30
Namoo
Cardiff	668	72	32	.....	41	33	.....	.....	270	38	98	.....	1,357
Wabamun	946	751	2,848	.....	.....	151	524	161	379	210	193	2,036	8,199
Pembina
Total	2,674	1,543	3,555	.....	41	217	559	328	2,800	2,068	2,537	3,480	19,802

The following table shows the amount of DOMESTIC Coal disposed of as Slack Coal during each month for consumption in British Columbia:

Districts	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Lethbridge	94												94
Magrath													
Milk River													
Taber													
Bow Island													
Medicine Hat													
Aldersyde													
Drumheller									64	355	443		862
Big Valley													
Brooks													
Hanna													
Laconbe													
Trochu		60											60
Three Hills													
Carbon													
Battle River													
Canrose													
Tofield													
Clover Bar													
Edmonton													
Namoo													
Cardiff	45	46											91
Wabamun													
Pembina													
Total	139	106							64	355	443		1,107

The following table shows the amount of SUB-BITUMINOUS Coal disposed of as Lump Coal during each month for consumption in British Columbia:

Districts	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Pincher Creek..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
High River ..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Calgary .....	.....	.....	.....	.....	.....	33	40	.....	104	141	228	43	589
Saunders .....	.....	.....	105	.....	.....	.....	66	131	102	332	96	240	1,440
Yellowhead ...	69	113	.....	66	120	.....	.....	.....	.....	.....	.....	.....	.....
Total	69	113	105	66	120	33	106	131	206	473	324	283	2,029

The following table shows the amount of SUB-BITUMINOUS Coal disposed of as Mine Run Coal during each month for consumption in British Columbia:

Districts	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Pincher Creek..	163	169	117	.....	.....	.....	.....	42	.....	.....	67	.....	558
High River ..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Calgary .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Saunders .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	80	.....	80
Yellowhead ...	556	867	907	392	685	301	432	351	772	775	498	711	7,247
Total	719	1,036	1,024	392	685	301	432	393	772	775	645	711	7,885

The following table shows the amount of SUB-BITUMINOUS Coal disposed of as Nut Coal during each month for consumption in British Columbia:

Districts	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Pincher Creek...	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
High River .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Calgary .....	.....	.....	.....	.....	.....	.....	.....	28	30	.....	.....	.....	58
Saunders	264	234	62	.....	.....	.....	80	356	812	354	381	790	3,333
Yellowhead .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total	264	234	62	.....	.....	.....	80	384	842	354	381	790	3,391

The following table shows the amount of SUB-BITUMINOUS Coal disposed of as Slack Coal during each month for consumption in British Columbia:

Districts	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Pincher Creek...	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
High River .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Calgary .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Saunders	222	272	71	40	80	.....	43	.....	.....	85	103	343	1,259
Yellowhead .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total	222	272	71	40	80	.....	43	.....	.....	85	103	343	1,259

The following table shows the amount of BITUMINOUS Coal disposed of as Lump Coal during each month for consumption in British Columbia:

Districts	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Crow's Nest Ps.	80	419	164	.....	.....	.....	.....	32	300	434	533	242	2,204
Canmore	.....	.....	29	.....	.....	.....	.....	.....	.....	.....	36	32	97
Brazeau	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Jasper Park	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mountain Park	.....	.....	.....	.....	.....	24	33	.....	.....	.....	.....	.....	57
Total	80	419	193	.....	.....	24	33	32	300	434	569	274	2,358

The following table shows the amount of BITUMINOUS Coal disposed of as Mine Run Coal during each month for consumption in British Columbia:

Districts	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Crow's Nest Ps.	1,240	2,066	2,143	47	110	.....	50	33	806	710	335	160	7,700
Canmore	33	.....	.....	.....	.....	.....	.....	.....	46	45	.....	.....	124
Brazeau	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Jasper Park	200	40	.....	.....	70	.....	392	1,346	1,047	1	.....	63	304
Mountain Park	806	969	3,916	533	735	804	841	11,459
Total	2,279	3,075	6,059	47	180	533	442	1,379	1,899	1,491	1,139	1,064	19,587

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The following table shows the amount of DOMESTIC Coal disposed of as Lump Coal during each month for consumption in Saskatchewan:

Districts	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Lethbridge	18,622	30,423	26,979	142	349	338	32	2,319	35,479	48,068	53,082	34,164	249,997
Magrath .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Milk River .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Taber	1,196	943	400	735	1,322	1,473	1,020	1,346	4,395	4,649	568	165	18,212
Bow Island .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Medicine Hat	580	207	.....	48	.....	.....	.....	921	1,607	2,167	2,036	806	8,372
Aldersyde .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Drumheller	35,449	45,053	33,750	1,855	1,566	2,891	1,661	6,360	88,381	104,447	70,704	50,219	442,336
Big Valley	292	243	170	.....	.....	.....	.....	38	1,324	551	636	223	3,477
Brooks .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Hanna	690	215	.....	305	43	.....	.....	.....	623	1,349	485	321	4,031
Lacombe	165	65	.....	.....	.....	.....	.....	.....	44	.....	.....	150	424
Trochu	420	260	.....	.....	.....	.....	.....	181	209	356	132	90	1,648
Three Hills	415	307	100	.....	.....	.....	64	1,065	545	334	194	343	3,367
Carbon	30	335	201	233	290	429	146	523	258	251	665	222	3,583
Battle River .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Camrose	2,397	1,182	543	99	.....	.....	169	978	755	1,996	1,543	1,630	11,292
Tofeld	2,390	2,231	256	831	32	33	63	1,481	4,623	10,840	6,601	8,532	37,913
Clover Bar	2,042	2,009	622	.....	685	441	2,606	7,772	10,183	10,962	4,587	714	42,623
Edmonton .....	.....	.....	.....	.....	.....	.....	74	240	315	450	208	.....	1,287
Namoo .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	31	.....	31
Cardiff	644	595	66	32	.....	32	.....	1,034	3,009	3,939	1,915	64	11,330
Wabamun	39	155	.....	.....	109	33	234	548	195	580	253	68	2,214
Pembina	430	375	125	.....	.....	.....	568	2,851	1,018	800	262	338	6,767
Total	65,801	84,598	63,212	4,280	4,396	5,670	6,637	27,657	152,963	191,739	143,902	98,049	848,904

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The following table shows the amount of DOMESTIC Coal disposed of as Mine Run Coal during each month for consumption in Saskatchewan:

Districts	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Lethbridge	2,324	3,407	531	.....	.....	.....	.....	.....	.....	.....	.....	.....	6,262
Magrath .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Milk River .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Taber .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Bow Island	897	40	358	80	106	.....	65	399	618	1,522	2,408	1,058	7,551
Medicine Hat .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Aldersyde	523	533	580	122	.....	32	.....	32	279	99	489	133	2,822
Drumheller	267	573	71	.....	.....	.....	.....	.....	37	.....	.....	.....	2,948
Big Valley .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Brooks .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Hanna .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Lacombe	144	.....	32	.....	.....	.....	.....	.....	.....	72	302	210	210
Trochu .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	193	743
Three Hills .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Carbon .....	.....	45	.....	.....	.....	.....	.....	40	.....	.....	193	360	360
Battle River .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	30	.....	30
Camrose .....	.....	.....	352	619	187	704	387	285	.....	42	.....	.....	2,576
Tohoid	160	33	192	89	158	66	126	267	417	545	.....	663	2,716
Clover Bar .....	.....	.....	68	922	2,098	1,686	2,695	1,930	.....	.....	.....	.....	9,399
Edmonton	500	.....	101	625	190	388	64	.....	.....	.....	.....	.....	1,868
Namoo .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Cardiff .....	.....	33	31	.....	.....	.....	.....	102	70	72	.....	.....	308
Wabamun .....	.....	558	34	.....	106	104	54	106	51	.....	.....	.....	1,013
Pembina	2,738	33	2,771
Total	4,815	5,222	2,350	2,457	2,845	2,980	3,391	3,161	1,472	5,090	3,455	2,617	39,855

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The following table shows the amount of DOMESTIC Coal disposed of as Nut Coal during each month for consumption in Saskatchewan:

Districts	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Lethbridge	480	1,040	2,538	.....	.....	42	.....	180	4,761	6,242	7,028	5,160	27,471
Magrath .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Milk River .....	.....	.....	.....	.....	.....	.....	746	812	973	1,247	144	.....	5,359
Taber	213	78	.....	105	406	635	.....	.....	.....	.....	.....	.....	.....
Bow Island .....	.....	.....	.....	.....	.....	.....	.....	434	806	593	757	375	4,105
Medicine Hat	397	743	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Aldersyde .....	.....	.....	.....	.....	.....	.....	189	807	11,452	12,674	8,429	7,075	59,721
Drumheller	4,920	6,612	6,498	436	280	349	.....	.....	94	168	33	.....	295
Big Valley .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Brooks .....	.....	.....	.....	.....	.....	.....	.....	.....	196	1,007	443	127	2,115
Hanna	150	100	.....	92	.....	.....	.....	.....	.....	.....	.....	.....	.....
Lacombe .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Trochu	140	70	.....	.....	.....	.....	.....	30	.....	.....	.....	.....	240
Three Hills .....	.....	.....	.....	.....	.....	.....	30	98	.....	33	.....	94	255
Carbon	45	65	44	145	268	227	177	399	43	110	31	.....	1,554
Battle River .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Camrose	1,174	844	397	.....	.....	.....	.....	157	477	1,303	1,159	1,013	6,524
Tohfeld .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Clover Bar	547	263	197	552	642	296	288	1,438	2,053	3,579	866	232	10,953
Edmonton .....	.....	.....	.....	.....	.....	.....	30	90	.....	33	61	.....	214
Namoo .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Cardiff	203	166	33	.....	.....	.....	.....	258	667	1,065	591	.....	2,983
Wabamun	2,235	462	60	33	39	32	33	410	253	251	920	1,207	5,935
Pembina	2,985	3,013	3,966	.....	.....	512	2,110	330	138	195	130	1,017	14,396
Total	13,489	13,456	13,733	1,363	1,635	2,093	3,603	5,443	21,913	28,500	20,592	16,300	142,120

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The following table shows the amount of DOMESTIC Coal disposed of as Slack Coal during each month for consumption in Saskatchewan:

Districts	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Lethbridge	75	1,853	276	856	823	416	.....	.....	1,565	730	1,720	1,741	10,055
Magrath
Milk River
Taber	266	.....	.....	46	444	241	.....	997
Bow Island
Medicine Hat
Aldersyde
Drumheller	6,381	8,502	6,154	188	124	473	.....	807	9,145	10,675	7,381	8,891	58,721
Big Valley	30	.....	128	.....	.....	158
Brooks	66	.....	.....	66
Hanna
Yacombe
Trochu
Three Hills	69	188	149	340	347	58	159	.....	45	242	70	1,667
Carbon
Battle River	37	31	71	.....	31	.....	.....	33	.....	.....	282
Camrose	14	65	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Tofield
Clover Bar	91	97	47	67	175	91	308	469	33	148	46	.....	1,572
Edmonton
Namoo
Cardiff
Wabamun	101	100	49	100	99	.....	.....	.....	449
Pembina
Total	6,561	10,586	6,702	1,291	1,634	1,693	446	1,565	10,888	12,269	9,630	10,702	73,967

The following table shows the amount of SUB-BITUMINOUS Coal disposed of as Lump Coal during each month for consumption in Saskatchewan:

Districts	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Pincher Creek	40	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	40
High River .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Calgary	548	1,343	724	264	513	557	687	1,294	927	1,741	1,683	1,313	11,594
Saunders	359	451	33	31	.....	.....	262	3,570	4,212	2,075	465	716	12,174
Yellowhead .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total	947	1,794	757	295	513	557	949	4,864	5,139	3,816	2,148	2,029	23,808

The following table shows the amount of SUB-BITUMINOUS Coal disposed of as Mine Run Coal during each month for consumption in Saskatchewan:

Districts	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Pincher Creek	44	.....	39	.....	.....	.....	.....	.....	.....	.....	.....	.....	83
High River .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Calgary	105	.....	.....	.....	306	322	722	1,038	122	46	33	.....	2,694
Saunders	607	169	245	608	150	209	554	3,892	2,700	676	137	282	10,229
Yellowhead .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total	756	169	284	608	456	531	1,276	4,930	2,822	722	170	282	13,006

The following table shows the amount of SUB-BITUMINOUS Coal disposed of as Nut Coal during each month for consumption in Saskatchewan:

Districts	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Pincher Creek	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
High River	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Calgary	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Saunders	.....	50	.....	452	.....	.....	168	384	353	33	90	30	1,560
Yellowhead	31	31	30	.....	.....	66	507	1,618	508	450	160	282	3,683
Total	31	81	30	452	.....	66	675	2,002	861	483	250	312	5,243

The following table shows the amount of SUB-BITUMINOUS Coal disposed of as Slack Coal during each month for consumption in Saskatchewan:

Districts	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Pincher Creek	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
High River	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Calgary	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Saunders	417	732	293	.....	240	565	572	761	524	2,313	1,002	656	8,075
Yellowhead	595	46	153	200	.....	.....	.....	.....	172	40	.....	.....	1,206
Total	1,012	778	446	200	240	565	572	761	696	2,353	1,002	656	9,281

The following table shows the amount of BITUMINOUS Coal disposed of as Lump Coal during each month for consumption in Saskatchewan:

Districts	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Crow's Nest Ps.	487	514	414	33	.....	.....	.....	32	1,610	829	645	438	5,002
Canmore .....	.....	.....	39	.....	.....	.....	.....	.....	.....	.....	.....	.....	39
Brazeau .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Jasper Park .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mountain Park	150	130	33	.....	.....	.....	.....	.....	.....	.....	64	.....	377
Total	637	644	486	33	.....	.....	.....	32	1,610	829	709	438	5,418

The following table shows the amount of BITUMINOUS Coal disposed of as Mine Run Coal during each month for consumption in Saskatchewan:

Districts	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Crow's Nest Ps.	4,053	3,538	4,636	299	328	563	994	3,570	11,708	3,119	2,910	5,169	40,887
Canmore .....	.....	205	97	.....	.....	.....	.....	128	468	308	77	.....	1,283
Brazeau .....	.....	.....	.....	.....	.....	.....	.....	.....	37	.....	.....	.....	37
Jasper Park	120	40	.....	.....	.....	.....	22	64	.....	.....	.....	.....	246
Mountain Park	23,859	16,581	14,246	66	.....	328	348	3,708	17,082	31,968	23,409	25,450	157,045
Total	28,032	20,364	18,979	365	328	891	1,364	7,470	29,295	35,395	26,396	30,619	199,498

The following table shows the amount of BITUMINOUS Coal disposed of as Nut Coal during each month for consumption in Saskatchewan:

Districts	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Crow's Nest Ps.	1,133	516	480	93	.....	.....	.....	.....	821	945	466	790	5,244
Canmore	48	.....	.....	.....	.....	.....	.....	.....	43	.....	.....	42	133
Brazeau	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Jasper Park	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mountain Park	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total	1,181	516	480	93	.....	.....	.....	.....	864	945	466	832	5,377

The following table shows the amount of BITUMINOUS Coal disposed of as Slack Coal during each month for consumption in Saskatchewan:

Districts	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Crow's Nest Ps.	172	409	461	.....	.....	.....	.....	.....	1,012	571	342	670	3,637
Canmore	.....	.....	309	.....	.....	.....	.....	.....	.....	30	.....	.....	339
Brazeau
Jasper Park
Mountain Park
Total	172	409	770	1,012	601	342	670	3,976

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The following table shows the amount of DOMESTIC Coal disposed of as Lump Coal during each month for consumption in Manitoba:

Districts	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Lethbridge	5,930	4,859	4,361	.....	.....	.....	.....	136	5,284	7,208	7,121	7,392	42,291
Magrath .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Milk River .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Taber	715	329	263	42	.....	191	601	371	788	2,036	646	573	6,555
Bow Island .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Medicine Hat .....	.....	.....	.....	.....	.....	.....	.....	.....	108	108	142	.....	358
Aldersyde	24,939	20,071	10,776	174	69	283	259	1,947	28,427	51,337	33,761	59,792	232,435
Drumheller	70	.....	.....	.....	.....	.....	.....	.....	287	636	182	64	1,239
Big Valley .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Brooks .....	.....	.....	.....	.....	.....	.....	.....	.....	93	122	.....	75	290
Hanna .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Lacombe .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Trochu	90	60	.....	.....	.....	.....	.....	.....	330	45	175	60	760
Three Hills	191	65	.....	.....	.....	95	205	888	1,530	2,634	1,480	2,016	9,104
Carbon	124	242	.....	40	.....	128	.....	42	75	105	.....	50	806
Battle River .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Canrose	143	444	.....	.....	.....	.....	.....	470	636	355	146	741	2,935
Tofield	252	128	64	.....	.....	.....	.....	339	149	984	543	2,192	4,651
Clover Bar	1,595	239	99	296	98	132	365	1,148	2,457	4,745	990	132	12,296
Edmonton .....	.....	.....	.....	.....	535	27	.....	.....	347	632	321	.....	1,862
Namoo .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Cardiff .....	.....	.....	.....	.....	.....	.....	.....	371	564	1,310	588	33	2,866
Wabamun	91	62	.....	31	.....	.....	.....	32	512	517	781	33	2,059
Pembina	1,275	1,192	267	.....	.....	67	152	2,096	3,253	4,432	1,221	1,869	15,824
Total	35,415	28,291	15,830	583	702	923	1,582	7,840	44,840	77,206	48,097	75,022	336,331

The following table shows the amount of DOMESTIC Coal disposed of as Mine Run Coal during each month for consumption in Manitoba:

Districts	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Lethbridge
Magrath
Milk River
Taber
Bow Island	75	.....	75
Medicine Hat
Aldersyde
Drumheller	44	65	.....	.....	.....	31	.....	.....	.....	148	33	.....	288
Big Valley	55	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	88
Brooks
Hanna
Lacombe
Trochu	32	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	32
Three Hills
Carbon
Battle River
Canrose
Tofield	96	.....	.....	.....	.....	.....	.....	.....	.....	96
Clover Bar
Edmonton
Namoo	33	.....	.....	.....	.....	.....	.....	.....	33
Cardiff	34	54	32	88
Wabamun	264	296
Pembina
Total	131	65	96	33	65	54	412	140	996

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The following table shows the amount of DOMESTIC Coal disposed of as Nut Coal during each month for consumption in Manitoba:

Districts	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Lethbridge	32	65	.....	.....	.....	.....	.....	45	251	424	206	347	1,370
Magrath .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Milk River .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Taber .....	.....	47	33	111	65	105	201	205	335	599	207	133	2,041
Bow Island .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Medicine Hat .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Aldersyde .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Drumheller	5,734	5,070	1,821	127	.....	91	59	977	9,104	16,788	7,556	9,044	56,371
Big Valley .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	32	.....	.....	32
Brooks .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Hanna .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Lacombe .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	160	185	66	411
Trochu .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Three Hills	94	132	.....	.....	.....	.....	.....	204	561	405	157	30	30
Carbon	30	184	32	.....	.....	66	.....	.....	.....	.....	.....	218	1,771
Battle River .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	282
Camrose .....	.....	66	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Tofield .....	.....	.....	.....	.....	.....	.....	.....	36	149	33	208	753	1,245
Clover Bar	314	514	420	489	31	97	252	555	1,857	1,777	178	98	6,582
Edmonton .....	.....	.....	.....	.....	.....	.....	.....	350	444	102	136	.....	1,032
Namoo .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Cardiff	40	33	.....	.....	.....	.....	.....	66	72	67	66	.....	344
Wabamun	246	40	.....	.....	.....	113	372	320	104	72	164	105	1,536
Pembina	2,693	1,710	765	.....	.....	144	1,052	1,455	1,564	1,137	650	2,707	13,877
Total	9,183	7,831	3,071	727	96	616	1,936	4,213	14,441	21,596	9,713	13,501	86,924

The following table shows the amount of DOMESTIC Coal disposed of as Slack Coal during each month for consumption in Manitoba :

Districts	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Lethbridge
Magrath
Milk River
Taber
Bow Island
Medicine Hat
Aldersyde	365	363	472	.....	40	87	32	32	2,865	2,613	886	1,791	9,546
Drumheller	61	80	31	172
Big Valley
Brooks
Hanna
Lacombe
Trochu
Three Hills
Carbon	38	.....	.....	.....	.....	38
Battle River
Canrose	34	.....	.....	.....	.....	.....	.....	33	.....	.....	.....	.....	67
Tofield
Clover Bar	466	427	614	105	22	.....	56	307	105	.....	.....	2,102
Edmonton
Namoo
Cardiff	52	.....	.....	.....	52
Wabamun
Pembina	245	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	245
Total	644	829	899	614	145	109	32	159	3,224	2,779	966	1,822	12,222

The following table shows the amount of SUB-BITUMINOUS Coal disposed of as Lump Coal during each month for consumption in Manitoba:

Districts	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Calgary	1,132	489	181	99	66	134	775	1,044	1,351	2,532	2,401	2,581	12,788
Saunders	739	392	226	74	.....	.....	226	1,479	2,838	3,407	1,527	2,862	13,790
Yellowhead .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Pincher Creek .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
High River .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total	1,891	881	407	173	66	134	1,001	2,523	4,189	5,939	3,931	5,443	26,578

The following table shows the amount of SUB-BITUMINOUS Coal disposed of as Mine Run Coal during each month in Manitoba:

Districts	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Calgary .....	.....	33	.....	.....	.....	.....	101	83	368	88	107	44	842
Saunders	461	141	202	.....	.....	135	212	2,738	4,540	1,989	700	1,235	12,353
Yellowhead .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Pincher Creek .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
High River .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total	461	174	202	.....	.....	135	313	2,821	4,908	2,077	807	1,279	13,177

The following table shows the amount of SUB-BITUMINOUS Coal disposed of as Nut Coal during each month in Manitoba :

Districts	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Calgary .....	.....	.....	.....	.....	.....	.....	133	92	225	127	390	.....	967
Saunders	193	62	.....	.....	.....	.....	53	478	1,101	2,264	725	1,903	6,779
Yellowhead .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Pincher Creek .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
High River .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total	193	62	.....	.....	.....	.....	186	570	1,326	2,391	1,115	1,903	7,746

The following table shows the amount of SUB-BITUMINOUS Coal disposed of as Slack Coal during each month in Manitoba :

Districts	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Calgary .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Saunders	166	30	60	.....	70	73	112	33	644	703	1,998	2,170	6,059
Yellowhead .....	.....	.....	.....	.....	.....	199	224	1,808	3,316	2,843	337	695	9,422
Pincher Creek .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
High River .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total	166	30	60	.....	70	272	336	1,841	3,960	3,546	2,335	2,865	15,481

The following table shows the amount of BITUMINOUS Coal disposed of as Lump Coal during each month for consumption in Manitoba:

Districts	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Crow's Nest Ps.	171	302	80	.....	.....	.....	.....	.....	163	99	126	113	1,054
Canmore	.....	.....	29	.....	.....	.....	.....	.....	.....	.....	.....	.....	29
Brazeau	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Jasper Park	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mountain Park	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total	171	302	109	.....	.....	.....	.....	.....	163	99	126	113	1,083

The following table shows the amount of BITUMINOUS Coal disposed of as Mine Run Coal during each month for consumption in Manitoba:

Districts	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Crow's Nest Ps.	678	678	.....	.....	.....	.....	.....	414	3,129	2,033	924	1,858	9,714
Canmore	31	.....	.....	.....	.....	.....	.....	.....	44	.....	41	29	145
Brazeau	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Jasper Park	.....	.....	.....	.....	.....	.....	.....	.....	34	.....	.....	.....	34
Mountain Park	684	379	302	33	.....	.....	.....	701	3,153	982	1,380	1,471	9,088
Total	1,393	1,057	302	33	.....	.....	.....	1,118	6,360	3,015	2,345	3,358	18,981

The following table shows the amount of BITUMINOUS Coal disposed of as Nut Coal during each month for consumption in Manitoba:

Districts	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Crow's Nest Ps.	80	146	.....	.....	.....	.....	.....	.....	.....	.....	33	47	306
Camrose .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Brazeau .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Jasper Park .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mountain Park .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total	80	146	.....	.....	.....	.....	.....	.....	.....	.....	33	47	306

The following table shows the amount of BITUMINOUS Coal disposed of as Slack Coal during each month for consumption in Manitoba:

Districts	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Crow's Nest Ps.	234	449	683
Camrose
Brazeau
Jasper Park
Mountain Park
Total	234	449	683

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The following table shows the amount of DOMESTIC Coal disposed of as Lump Coal during each month for consumption in Ontario:

Districts	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Lethbridge	46	71	32							280	65	248	742
Magrath													
Milk River													
Taher													
Bow Island													
Medicine Hat													
Aldersyde									306	1,459	2,580	1,008	5,813
Drumheller	316	144											
Big Valley													
Brooks													
Hanna													
Lacombe													
Trochu													
Three Hills								33					33
Carbon													
Battle River													
Camrose													
Tofield									65				65
Clover Bar									153	138	64		355
Edmonton													
Namoo													
Cardiff													
Wabamun							32		45	40			117
Pembina	69							509	742	928	202	139	2,589
Total	431	215	32				32	542	1,311	2,845	2,911	1,395	9,714

The following table shows the amount of DOMESTIC Coal disposed of as Mine Run Coal during each month for consumption in Ontario:

Districts	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Lethbridge
Magrath
Milk River
Taber
Bow Island
Medicine Hat
Aldersyde
Drumheller
Big Valley
Brooks
Hanna
Lacombe
Trochu
Three Hills
Carbon
Battle River
Camrose
Tofield
Clover Bar
Edmonton
Namoo
Cardiff
Wabamun
Pembina	616	1,130	1,746
Total	616	1,130	1,746

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The following table shows the amount of DOMESTIC Coal disposed of as Nut Coal during each month for consumption in Ontario:

Districts	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Lethbridge	91	.....	.....	32	123
Magrath
Milk River	160	150	.....	.....	.....	.....	144	74	.....	528
Taber
Bow Island
Medicine Hat
Aldersyde
Drumheller	300	228	42	.....	.....	.....	61	63	478	1,363	775	1,072	4,382
Big Valley
Brooks
Hanna
Lacombe
Trochu
Three Hills	131	.....	.....	.....	.....	131
Carbon
Battle River
Camrose
Tofield
Clover Bar	65	31	.....	.....	.....	.....	.....	152	60	30	293	32	663
Edmonton
Namoo
Cardiff
Wabamun	257	32	.....	1,419	415	824	2,947
Pembina	33	32	.....	.....	.....	.....	.....	.....	.....	.....	.....	244	309
Total	398	291	42	160	150	.....	318	378	629	2,956	1,557	2,204	9,083

The following table shows the amount of DOMESTIC Coal disposed of as Slack Coal for consumption in Ontario:

Districts	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Lethbridge
Magrath
Milk River
Taber
Bow Island
Medicine Hat
Aldersyde	41	.....	30	35	106
Drumheller
Big Valley
Brooks
Hanna
Lacombe
Trochu
Three Hills
Carbon
Battle River
Camrose
Tofield
Clover Bar
Edmonton
Namoo
Cardiff
Wabamun
Pembina
Total	41	.....	30	35	106

The following table shows the amount of SUB-BITUMINOUS Coal disposed of as Lump Coal during each month for consumption in Ontario:

Districts	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Saunders Yellowhead	33	66 97	66 .....	..... 71	165 37	63	393 205
Total	33	163	66	71	202	63	598

The following table shows the amount of SUB-BITUMINOUS Coal disposed of as Mine Run Coal during each month for consumption in Ontario:

Districts	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Saunders Yellowhead 31	.....	.....	.....	.....	..... 31
Total	31	.....	.....	.....	.....	31

The following table shows the amount of SUB-BITUMINOUS Coal disposed of as Nut Coal during each month for consumption in Ontario:

Districts	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Saunders .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Yellowhead ...	39	.....	.....	.....	.....	.....	.....	.....	.....	35	.....	95	169
Total	39	.....	.....	.....	.....	.....	.....	.....	.....	35	.....	95	169

NOTE:—The above were the only districts from which Sub-Bituminous Coal was shipped to Ontario.

The following table shows the amount of BITUMINOUS Coal disposed of as Lump Coal during each month for consumption in Ontario:

Districts	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Crow's Nest Ps.	92	.....	92

The following table shows the amount of BITUMINOUS Coal disposed of as Mine Run Coal during each month for consumption in Ontario:

Districts	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Jasper Park	34	.....	.....	.....	34

NOTE:—These were the only districts from which Bituminous Coal was shipped to the Province of Ontario.

The following table shows the amount of DOMESTIC Coal disposed of as Mine Run Coal during each month for consumption in the United States:

Districts	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Lethbridge	43	.....	.....	.....	.....	43
Magrath	36	.....	.....	.....	.....	202
Milk River	841	.....	.....	.....	22	24	31	342	57	30	2	.....	1,183
Taber
Bow Island	138	31	.....	.....	.....	169
Medicine Hat
Aldersyde
Drumheller
Big Valley
Brooks
Hanna
Lacombe
Trochu
Three Hills
Carbon
Battle River
Camrose
Tofield
Clover Bar
Edmonton
Namoo
Cardiff
Wabamun
Pembina
Total	841	22	24	31	559	88	30	2	1,597

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The following table shows the amount of DOMESTIC Coal disposed of as Nut Coal during each month for consumption in the United States:

Districts	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Lethbridge.....	589	999	538	.....	.....	.....	.....	.....	419	847	982	1,785	6,159
Magrath.....
Milk River.....	360	491	218	87	127	66	212	.....	496	364	117	.....	2,538
Taber.....	27	.....	29	99	302
Bow Island.....	66	81	.....	.....	.....	.....	.....	.....	74	106	223	252	719
Medicine Hat.....
Aldersyde.....
Drumheller.....	64	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Big Valley.....
Brooks.....
Hanna.....
Lacombe.....
Trochu.....
Three Hills.....
Carbon.....
Battle River.....
Canrose.....
Tofield.....
Clover Bar.....
Edmonton.....
Namoo.....
Cardiff.....
Wabamun.....	213	.....	33	246
Pembina.....
Total.....	1,015	1,635	756	87	127	66	212	.....	1,016	1,530	1,351	2,169	9,964

The following table shows the amount of DOMESTIC Coal disposed of as Slack Coal during each month for consumption in the United States:

Districts	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Lethbridge	92	.....	92
Magrath
Milk River
Taber
Bow Island
Medicine Hat
Aldersyde
Drumheller
Big Valley
Brooks
Hanna
Lacombe
Trochu
Three Hills
Carbon
Battle River
Canrose
Tofield
Clover Bar
Edmonton
Namoo
Cardiff
Wabamun
Pembina
Total	92	.....	92

The following table shows the total amount of SUB-BITUMINOUS Coal disposed of as Lump Coal during each month for consumption in the United States:

Districts	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Pincher Creek
High River
Calgary
Saunders	50	.....	50
Yellowhead
Total	50	.....	50

The following table shows the total amount of SUB-BITUMINOUS Coal disposed of as Mine Run Coal during each month for consumption in the United States:

Districts	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Pincher Creek	44	.....	.....	135	122	301
High River
Calgary
Saunders
Yellowhead
Total	44	.....	.....	135	122	301

The following table shows the amount of BITUMINOUS Coal disposed of as Lump Coal during each month for consumption in the United States:

Districts	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Crow's Nest Ps.	80	187	347	.....	.....	.....	.....	.....	184	120	92	.....	1,010
Canmore.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Brazeau.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Jasper Park.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mountain Park.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total	80	187	347	.....	.....	.....	.....	.....	184	120	92	.....	1,010

The following table shows the amount of BITUMINOUS Coal disposed of as Mine Run Coal during each month for consumption in the United States:

Districts	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Crow's Nest Ps.	2,021	450	14,638	255	1,260	700	820	856	2,629	5,531	16,661	6,107	51,928
Canmore.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Brazeau.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Jasper Park.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mountain Park.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total	2,021	450	14,638	255	1,260	700	820	856	2,629	5,531	16,661	6,107	51,928

The following table shows the amount of BITUMINOUS Coal disposed of as Nut Coal during each month for consumption in the United States:

Districts	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Crow's Nest Ps.	91	185	232	.....	.....	.....	.....	.....	66	.....	237	.....	811
Canmore .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Brazeau .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Jasper Park .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mountain Park.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total	91	185	232	.....	.....	.....	.....	.....	66	.....	237	.....	811

The following table shows the amount of BITUMINOUS Coal disposed of as Slack Coal during each month for consumption in the United States.

Districts	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Crow's Nest Ps.	4,700	4,747	5,514	.....	.....	.....	.....	.....	2,702	4,576	5,974	4,678	32,891
Canmore .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Brazeau .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Jasper Park .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mountain Park.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total	4,700	4,747	5,514	.....	.....	.....	.....	.....	2,702	4,576	5,974	4,678	32,891

The following table shows the grades of coal sold by Districts:

DOMESTIC COAL

Districts	Lump	Mine Run	Nut	Slack	Total
Lethbridge	403,892	10,006	61,909	36,065	511,872
Magrath	2,287	850	....	....	3,137
Milk River	2,959	5,854	3	....	8,816
Taber	33,684	2,978	13,504	2,891	53,057
Bow Island	4,509	1,221	49	104	5,883
Medicine Hat	12,842	11,527	5,953	645	30,967
Aldersyde	5,141	6,302	429	....	11,872
Drumheller	829,097	9,426	162,183	121,349	1,122,055
Big Valley	11,224	20,414	1,293	3,137	36,068
Brooks	7,627	7,639	....	6	15,272
Hanna	18,001	11,104	9,954	997	40,056
Lacombe	3,172	12,511	....	23	15,706
Trochu	7,265	9,055	1,065	90	17,475
Three Hills	28,081	3,266	6,058	3,652	41,057
Carbon	21,454	4,476	8,679	3,443	38,052
Battle River	10,189	11,884	261	48	22,382
Camrose	39,919	7,901	18,382	6,311	72,513
Tofield	81,155	4,873	103	....	86,131
Clover Bar	205,884	33,660	100,080	72,144	411,768
Edmonton	43,614	6,706	34,245	22,142	106,707
Namoo	2,106	2,877	1,185	1,823	7,991
Cardiff	51,447	5,012	19,474	22,798	98,731
Wabamun	7,095	7,385	15,727	7,905	38,112
Pembina	42,134	9,754	46,407	245	98,540
Total	1,874,778	206,681	506,943	305,818	2,894,220

SUB-BITUMINOUS COAL

Districts	Lump	Mine Run	Nut	Slack	Total
Pincher Creek	1,115	7,205	275	2,216	10,811
High River .....	....	1,960	....	....	1,960
Calgary	20	41	100	....	161
Saunders	33,155	11,422	4,913	20,210	69,700
Yellowhead	29,997	459,326	21,205	18,791	529,319
Total	64,287	479,954	26,493	41,217	611,951

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BITUMINOUS COAL

Districts	Lump	Mine Run	Nut	Slack	Total
Crow's Nest Pass	17,492	897,706	12,407	56,969	984,574
Canmore	631	152,933	2,914	630	157,108
Brazeau .....	.....	315,085	.....	.....	315,085
Jasper Park .....	.....	324,098	.....	.....	324,098
Mountain Park	1,590	351,899	35	.....	353,524
Total	19,713	2,041,721	15,356	57,599	2,134,389

ANTHRACITE COAL

District	Lump	Mine Run	Nut	Slack	Total
Banff	3,718	33	2,798	6,549

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The following table shows the amount of DOMESTIC Coal used under Colliery Boilers during each month:

Districts	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Lethbridge	6,715	6,621	6,664	2,469	2,452	2,222	1,815	2,493	6,523	7,112	7,643	6,576	59,305
Magrath .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Milk River .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Taber	1,467	1,297	1,279	1,269	1,281	1,325	1,586	1,617	2,057	2,162	726	632	16,698
Bow Island .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Medicine Hat	115	150	102	12	23	1	12	57	97	139	152	92	952
Aldersyde .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Drumheller	4,338	4,073	3,407	908	483	528	480	1,098	4,188	4,878	4,773	4,957	34,111
Big Valley	205	205	47	50	82	63	60	45	121	115	30	124	1,147
Brooks	24	43	50	14	33	28	24	32	3	71	4	3	1,328
Hanna	93	97	103	108	92	84	101	100	159	165	167	164	1,433
Lacombe .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Trochu	40	40	.....	.....	.....	431	248	438	410	151	62	66	1,883
Three Hills	207	254	194	202	153	150	213	298	341	358	214	314	2,898
Carbon .....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	30	.....	31
Battle River .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Camrose	195	207	110	64	35	56	53	94	120	136	128	196	1,394
Tofield	50	50	40	27	100	105	100	100	30	20	30	30	682
Clover Bar	1,964	2,139	2,101	1,849	1,758	1,514	1,595	1,854	1,970	2,058	2,022	2,043	22,867
Edmonton	300	996	300	275	275	275	275	275	300	350	350	350	4,321
Namoo	26	27	10	.....	.....	.....	.....	.....	.....	75	30	30	198
Cardiff	654	652	576	493	430	118	125	518	833	1,140	400	.....	5,939
Wabamun	137	70	60	75	72	60	80	90	75	156	120	130	1,125
Pembina	1,103	999	1,105	286	.....	493	1,120	1,160	1,115	1,169	878	1,109	10,537
Total	17,633	17,920	16,147	8,101	7,270	7,453	7,887	10,269	18,342	20,255	17,759	16,813	165,849

The following table shows the amount of SUB-BITUMINOUS Coal used under Colliery Boilers during each month:

Districts	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Pincher Creek	5	7	5	2	1	.....	.....	.....	.....	.....	.....	.....	20
High River	5	7	5	.....	.....	.....	.....	.....	.....	.....	.....	.....	35
Calgary	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	26
Saunders	390	413	355	187	93	271	346	393	390	674	656	623	4,791
Yellowhead	630	775	589	617	719	425	810	910	880	971	1,056	1,033	9,415
Total	1,030	1,202	954	806	813	696	1,156	1,303	1,296	1,648	1,722	1,661	14,287

The following table shows the amount of BITUMINOUS Coal used under Colliery Boilers during each month:

Districts	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Crow's Nest Ps.	5,657	5,632	6,608	3,188	3,454	1,674	1,373	1,650	3,016	3,408	3,597	3,352	42,609
Canmore	1,168	1,201	1,365	633	648	710	810	877	1,170	1,169	1,255	1,417	12,423
Brazeau	767	733	678	307	.....	641	300	425	572	660	702	769	6,554
Jasper Park	1,485	1,103	1,470	1,061	1,097	963	783	995	954	1,249	1,454	2,364	14,978
Mountain Park	1,510	1,397	1,460	363	671	684	638	647	1,430	990	1,040	1,058	11,888
Total	10,587	10,066	11,581	5,552	5,870	4,672	3,904	4,594	7,142	7,476	8,048	8,960	88,452

The following table shows the amount of ANTHRACITE Coal and Briquettes used under Colliery Boilers during each month:

Districts	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Banff (Anthra.) Briquettes	2,291 5	2,270 2	2,766 8	903	997	993	950 1	1,249	1,332 1	1,727 4	42 9	20 34	15,540 64

The following table shows the amount of ANTHRACITE Coal used making Briquettes:

Districts	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Briquettes	5,039	6,273	9,257	2,773	3,827	3,525	30,694

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The following table shows the amount of DOMESTIC Coal put to Stock during each month:

Districts	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Lethbridge	579	1,011	200	.....	.....	.....	.....	224	1,280	2,757	1,070	2,724	9,845
Magrath
Milk River
Taber
Bow Island
Medicine Hat
Aldersyde
Drumheller	1,173	170	.....	.....	.....	.....	.....	10	255	82	479	695	2,864
Big Valley
Brooks
Hanna
LaCombe
Trochu	120	90	210
Three Hills
Carbon	17	485	502
Battle River
Canrose	11	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	11
Tofield
Clover Bar	150	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	150
Edmonton	35	.....	.....	.....	35
Namoo
Cardiff
Wabamun
Pembina	195	250	300	.....	.....	67	102	115	285	70	87	110	1,581
Total	2,097	1,442	500	.....	.....	67	102	349	1,855	2,909	1,773	4,104	15,198

The following table shows the amount of SUB-BITUMINOUS Coal put to Stock during each month:

Districts	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Pincher Creek	.....	.....	9	.....	.....	.....	.....	.....	.....	.....	.....	.....	9
High River	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	103	103
Calgary	134	50	164	83	.....	.....	.....	.....	.....	.....	.....	.....	631
Saunders	55	80	79	84	.....	.....	.....	19	.....	222	117	.....	656
Yellowhead	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total	189	130	252	167	.....	.....	200	19	.....	222	117	103	1,399

The following table shows the amount of BITUMINOUS Coal put to Stock during each month:

Districts	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Crow's Nest Ps.	177	408	.....	.....	.....	.....	28	796	2,714	2,629	.....	550	7,302
Canmore	905	297	137	.....	.....	.....	.....	260	.....	60	370	530	2,559
Brazeau	470	440	360	.....	.....	.....	.....	.....	.....	.....	.....	.....	1,270
Jasper Park	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mountain Park	200	.....	225	.....	.....	.....	.....	.....	.....	.....	.....	.....	425
Total	1,752	1,145	722	.....	.....	.....	28	1,056	2,714	2,689	370	1,080	11,556

The following table shows the amount of ANTHRACITE Coal and Briquettes put to Stock during each month:

Districts	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Banff (Anthra.)
Briquettes	488	60	134	682

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The following table shows the amount of DOMESTIC Coal put on the Waste Heap during each month:

Districts	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Lethbridge.....	785	891	977	12	106	52	36	145	1,516	3,267	2,534	1,953	12,274
Magrath.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Milk River.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Taber.....	562	100	71	20	22	12	5	18	130	200	.....	60	390
Bow Island.....	38	30	25	7	4	31	37	42	57	366	118	73	1,424
Medicine Hat.....	55	61	30	3	2	2	12	36	29	140	169	38	590
Aldersyde.....	39	15	16	6	4	6	6	6	95	357	223	76	952
Drumheller.....	984	1,074	167	31	15	10	16	104	7	27	46	9	187
Big Valley.....	.....	.....	.....	.....	.....	.....	.....	.....	2,221	5,197	3,203	2,015	15,037
Brooks.....	.....	10	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Hanna.....	50	92	65	17	13	9	12	17	162	255	317	75	1,084
Lacombe.....	123	26	82	872	16	20	17	28	57	135	51	5	1,432
Trochu.....	226	282	23	28	12	96	57	203	146	278	226	160	1,737
Three Hills.....	190	209	.....	8	55	8	12	10	23	49	61	30	655
Carbon.....	286	393	116	175	314	42	3	.....	.....	.....	.....	76	1,405
Battle River.....	190	205	89	9	.....	5	5	8	35	159	185	124	1,014
Camrose.....	400	400	222	45	26	56	52	141	212	663	332	151	2,700
Tofield.....	20	25	10	4	.....	.....	.....	.....	5	10	12	10	96
Clover Bar.....	126	260	113	.....	.....	.....	50	.....	.....	225	.....	.....	774
Edmonton.....	72	33	2	.....	.....	.....	.....	.....	.....	700	111	156	1,074
Namao.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	170	.....	3	173
Cardiff.....	60	85	35	.....	.....	.....	.....	8	1,350	1,972	600	.....	4,110
Wabamun.....	.....	.....	.....	.....	.....	.....	.....	.....	211	150	925	.....	1,286
Pembina.....	389	340	228	41	324	486	580	526	315	543	3,772
Total.....	4,595	4,531	2,271	1,237	589	390	644	1,252	6,836	14,846	9,428	5,557	52,176

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The following table shows the amount of DOMESTIC Coal lifted from Stock during each month:

Districts ...	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Lethbridge	4,072	4,042	2,279	4,165	3,236	2,613	1,800	2,080	224	494	947	1,418	27,370
Magrath
Milk River	741	879	925	940	922	948	972	985	.....	.....	.....	.....	7,312
Taber
Bow Island
Medicine Hat
Aldersyde
Drumheller	1,105	1,173	59	92	25	25	20	.....	.....	95	71	489	3,154
Big Valley
Brooks
Hanna
Lacombe
Trochu
Three Hills
Carbon	17	17
Battle River
Canrose
Tofield
Clover Bar	100	50	.....	.....	.....	.....	.....	.....	.....	.....	150
Edmonton	35	35
Namoo
Cardiff
Wabamun
Pembina	241	195	250	300	.....	.....	67	102	115	285	70	87	1,712
Total	6,159	6,289	3,613	5,547	4,183	3,586	2,859	3,167	339	874	1,088	2,046	39,750

The following table shows the amount of SUB-BITUMINOUS Coal lifted from Stock during each month:

Districts	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Pincher Creek	.....	36	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	36
High River	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Calgary	.....	107	117	123	105	36	.....	.....	.....	.....	.....	.....	688
Saunders	.....	70	99	15	102	67	14	200	161	.....	222	117	1,379
Yellowhead	265	.....	.....	.....	.....	.....	.....	247	.....	.....	.....	.....	.....
Total	265	213	216	138	207	103	14	447	161	.....	222	117	2,103

The following table shows the amount of BITUMINOUS Coal lifted from Stock during each month:

Districts	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Crow's Nest Ps.	.....	.....	3,676	2,187	132	35	.....	.....	.....	501	1,693	1,435	9,659
Canmore	750	905	297	.....	.....	.....	.....	.....	260	.....	60	370	2,642
Brazeau	170	470	440	308	.....	51	.....	.....	.....	.....	.....	.....	1,439
Jasper Park	.....	.....	.....	.....	1,987	2,514	1,473	1,248	.....	.....	.....	.....	.....
Mountain Park	.....	.....	.....	917	.....	.....	.....	.....	.....	.....	.....	.....	8,139
Total	920	1,375	4,413	3,412	2,119	2,600	1,473	1,248	260	501	1,753	1,805	21,879

The following table shows the amount of ANTHRACITE Coal and Briquettes lifted from Stock during each month:

Districts	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Banff (Anthra.)	271	1,212	2,984	2	2,821	3,840	3,545	44,675
Briquettes	7	212	112	12	17	15	14	21	315	60	785

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The following table shows the amount of DOMESTIC Coal lifted from the Waste Heap during each month:

Districts	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Pincher Creek
Lethbridge
Magrath
Milk River
Taber
Bow Island
Medicine Hat
Aldersyde
High River
Drumheller
Big Valley
Brooks
Hanna
Lacombe
Trochu
Three Hills
Carbon	216	.....	.....	.....	.....	.....	.....	216
Battle River	3
Camrose	150	180	250	.....	.....	.....	.....	.....	580
Tofield
Clover Bar
Edmonton
Namoo
Cardiff
Wabamun
Pembina
Total	150	396	250	.....	.....	.....	.....	228	1,024

OUTPUTS AND NUMBER OF MINES PRODUCING.

	Under 10,000 Tons		From 10,000 to 50,000 Tons		From 50,000 to 100,000 Tons		From 100,000 to 200,000 Tons		From 200,000 to 300,000 Tons		Over 300,000 Tons		TOTAL
	No.	Output	No.	Output	No.	Output	No.	Output	No.	Output	No.	Output	
Domestic	282	331,529	30	779,946	18	1,199,643	4	461,164	.....	.....	1	314,387	3,086,669
Sub-Bituminous ..	18	12,278	10	255,281	.....	.....	.....	.....	.....	.....	1	367,514	635,073
Bituminous	2	856	1	22,640	1	83,057	5	734,580	3	713,114	2	660,026	2,214,273
Anthracite .....	.....	.....	1	40,417	.....	.....	.....	.....	.....	.....	.....	.....	40,417
Total	302	344,663	42	1,098,284	19	1,282,700	9	1,195,744	3	713,114	4	1,341,927	5,976,432

The following table shows the number of Men employed in the DOMESTIC, SUB-BITUMINOUS, BITUMINOUS and ANTHRACITE Coal Fields as at December 31st, 1922..

	UNDER GROUND										ABOVE GROUND										Total		
	Officials	Hand-Cutters	Machine Cutters & Helpers	Machine Loaders	Horse Haulage	Employees	Mechanical Haulage Ems	Ventilation Employees	Road Makers	Timber Men	Pump Men	Other Emps.	Total Underground	Admin-istration	Foreman & Clerks	Screenmen & Loaders	Engine Men	Firemen	Machinists	Carpenters & Masons		Other Mechanics.	All Other Employees	Total above Ground
Domestic	256	1,054	446	2,126	656	145	59	109	197	39	189	5,276	118	126	577	147	103	59	51	45	470	1,696	6,972
Sub-Bituminous	26	206	20	103	32	11	2	6	6	24	24	436	20	26	88	39	18	11	8	24	208	442	878
Bituminous	137	1,794	62	3	335	251	83	120	217	26	359	3,387	26	411	229	46	72	51	81	100	509	1,225	4,612
Anthracite	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	9	10	1	6	4	4	7	2	1	3	37	65	75
Total	420	3,054	528	2,232	1,023	407	144	235	420	65	584	9,109	165	269	898	236	200	123	141	172	1,224	3,428	12,537

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The following table shows the number of Men employed in the DOMESTIC Coal Field as at December 31st, 1922.

Districts	UNDERGROUND										ABOVE GROUND										Total above and below Ground		
	Officials	Hand-Cutters	Machine Cutters & Helpers	Machine Loaders	Horse Haulage	Employees	Mechanical Haulage	Ventilation	Road Makers	Timber Men	Pump Men	Other Emps.	Total Underground	Administration	Foreman & Clerks	Screenmen & Loaders	Engine Men	Firemen	Machinists	Carpenters & Masons		Other Mechanics	All Other Employees	Total above Ground
Lethbridge	49	130	160	586	173	71	31	14	104	14	25	1,357	19	14	28	113	41	42	23	17	12	138	428
Magrath	3	15	..	..	1	..	..	..	..	..	..	..	..	4	..	..	..	..	..	..	..	1	1
Milk River	5	22	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	5
Taber	9	20	6	36	5	1	1	2	4	1	..	85	..	4	5	2	6	8	3	1	2	11	42
Bow Island	1	18	..	..	1	..	..	..	..	..	..	20	..	..	..	..	..	..	..	..	..	1	1
Medicine Hat . . .	5	8	6	29	6	..	..	..	..	..	..	56	..	3	1	9	3	..	1	..	1	3	21
Aldersyde	4	34	..	..	..	..	..	1	..	..	..	38	..	2	..	..	..	..	..	..	..	1	3
Drumheller	83	114	200	1,131	360	12	15	65	31	9	74	2,094	29	47	191	191	52	25	22	11	17	131	525
Big Valley	1	5	4	31	6	2	..	2	..	1	..	53	..	2	2	5	2	1	1	..	2	..	15
Brooks	1	55	..	..	..	..	..	..	..	..	..	56	..	2	..	..	1	..	..	..	..	..	3
Hanna	5	71	..	..	4	..	..	..	..	..	2	82	..	7	1	7	2	..	..	..	..	13	30
Lacombe	7	35	..	..	1	..	..	..	..	..	..	43	..	1	..	..	..	..	..	..	..	5	6
Trochu	9	27	3	10	3	..	..	..	..	..	..	53	..	6	..	3	2	..	..	..	1	24	36
Three Hills	5	15	4	58	8	..	..	1	1	1	..	93	..	4	3	5	2	2	..	..	..	15	31
Carbon	6	108	..	..	12	..	..	1	..	..	..	127	..	4	2	16	2	3	1	4	..	12	44
Battle River	10	73	..	..	5	..	..	..	..	..	..	88	..	4	1	1	1	1	..	..	..	4	11
Camrose	5	86	..	..	14	..	..	..	2	..	4	111	..	5	5	41	3	2	..	..	..	7	63
Tofield	2	..	..	..	..	..	..	..	..	..	..	2	..	3	5	120	1	..	1	..	..	8	138
Clover Bar	22	130	36	129	35	35	6	13	25	9	6	446	..	9	12	27	17	8	3	8	3	55	142
Edmonton	13	37	16	86	6	6	2	3	4	3	19	195	..	5	6	13	3	3	1	3	1	4	39
Namoo	2	24	..	..	5	..	..	..	1	..	..	32	..	2	1	2	1	..	..	1	..	7	39
Cardiff	3	..	2	20	3	..	..	..	..	..	9	37	..	3	3	2	..	3	7	..	..	11	20
Wabamun	1	25	2	10	8	..	1	1	2	..	..	50	..	1	1	8	2	..	1	1	..	4	18
Pembina	6	..	7	..	..	18	2	6	22	1	50	112	..	4	4	14	6	6	1	5	6	21	67
Total	256	1,054	446	2,126	656	145	59	109	197	39	189	5,276	118	118	126	577	147	103	59	51	45	470	1,696
																							6,972

The following table shows the number of Men employed in the SUB-BITUMINOUS Coal Field as at December 31st, 1922.

Districts	UNDERGROUND													ABOVE GROUND										Total above and below Ground		
	Officials	Hand-Cutters	Machine Cutters	Helpers & Cutters	Machine Loaders	Horse Loaders	Haulage Employees	Mechanical Haulage Employees	Ventilation Employees	Road Makers	Timber Men	Pump Men	Other Emps.	Total Underground	Administration	Foreman & Clerks	Screenmen & Loaders	Engine Men	Firemen	Machinists	Carpenters & Masons	Other Mechanics	All Other Employees		Total above Ground	
Pincher Creek	4	19	...	...	...	3	...	...	...	...	...	...	3	29	1	...	...	...	...	...	...	...	...	4	5	34
High River	1	1	5	...	...	...	...	...	...	...	...	...	5	11	1	...	...	...	...	...	...	...	...	1	2	13
Calgary	1	3	...	...	...	...	...	...	...	...	...	...	...	4	1	...	...	...	...	...	...	...	...	1	2	6
Saunders	8	24	20	103	...	9	11	...	6	3	...	...	11	195	4	5	17	11	5	3	2	5	29	81	276	
Yellowhead	12	155	...	...	...	20	...	...	2	...	3	...	5	197	13	21	71	28	13	8	6	19	173	352	549	
Total	26	206	20	103	32	11	2	6	6	...	...	24	436	20	26	88	39	18	11	8	24	208	442	878		

The following table shows the number of Men employed in the BITUMINOUS Coal Field as at December 31st, 1922.

Districts	UNDERGROUND										ABOVE GROUND										Total above and below Ground		
	Officials	Hand-Cutters	Machine Cutters & Helpers	Machine Loaders	Horse Loaders	Haulage Employees	Mechanical Haulage Employees	Ventilation Employees	Road Makers	Timber Men	Pump Men	Other Emps.	Total Underground	Adm'n-istration	Foreman & Clerks	Screenmen & Loaders	Engine Men	Firemen	Machinists	Carpenters & Masons		Other Mechanics	All Other Employees	Total above Ground
Crow's Nest Pass ..	74	802	3	3	94	108	44	28	84	7	282	1,529	18	39	73	21	26	30	24	44	276	551	2,080
Canmore	17	148	...	...	12	42	7	9	10	2	4	251	1	9	26	4	7	5	8	6	32	98	349
Brazeau	17	345	...	...	83	6	63	44	...	...	...	654	2	16	25	3	7	3	7	12	83	158	812
Jasper Park	11	198	58	...	29	16	4	14	47	9	...	386	1	29	35	8	14	7	33	32	76	235	621
Mountain Park	18	301	1	...	104	2	22	6	32	8	73	567	4	18	70	10	18	6	9	6	42	183	750
Total	137	1,794	62	3	335	251	83	120	217	26	359	3,387	26	111	229	46	72	51	81	100	509	1,225	4,612

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The following table shows the number of persons employed during each month in the DOMESTIC Coal Field above and below ground:

Districts	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total Average
Lethbridge	1,452	1,416	1,370	230	269	247	235	1,041	1,503	1,647	1,771	1,785	1,081
Magrath	8	12	11	3	5	8	10	12	10	22	21	20	12
Milk River	38	34	30	20	18	14	15	19	25	36	38	32	27
Taber	318	136	108	110	157	156	156	164	280	370	215	127	192
Bow Island	19	19	17	10	9	16	14	14	17	26	28	18	21
Medicine Hat	66	64	49	34	23	21	29	47	67	113	96	77	57
Aldersyde	41	33	31	20	19	19	20	26	31	42	46	41	31
Drumheller	2,332	2,138	1,619	384	253	294	244	1,514	2,754	3,165	2,949	2,616	1,681
Big Valley	41	116	99	67	36	69	67	70	132	126	62	68	79
Brooks	72	76	60	20	14	15	16	14	21	36	68	59	39
Hanna	109	107	80	42	39	27	32	40	77	158	142	112	80
Lacombe	69	66	59	21	15	13	12	9	30	65	68	49	39
Trochu	94	108	33	35	41	40	38	38	66	87	93	89	63
Three Hills	106	104	72	41	38	39	42	60	95	126	127	124	81
Carbon	144	123	86	74	89	119	91	107	81	131	159	171	115
Battle River	104	100	77	12	9	14	14	17	39	93	119	99	58
Canrose	161	153	99	60	49	47	54	74	96	120	139	174	102
Tofield	68	66	37	33	46	58	55	62	64	92	88	140	68
Clover Bar	746	719	568	512	464	423	433	562	680	777	798	588	606
Edmonton	282	283	204	155	119	107	106	135	189	230	248	234	191
Nanao	33	30	9	9	2	5	9	4	23	31	34	39	19
Cardiff	251	251	207	159	121	60	57	124	167	220	232	57	159
Wabamun	67	67	37	32	34	33	39	45	52	69	70	68	51
Pembina	157	155	151	20	.....	94	118	150	176	178	201	179	132
Total	6,778	6,376	5,113	2,103	1,869	1,934	1,906	4,348	6,675	7,969	7,822	6,969	4,981

The following table shows the number of persons employed during each month in the SUB-BITUMINOUS Coal Field above and below ground:

Districts	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total Average
Pincher Creek . . .	25	20	19	15	10	12	13	18	27	30	32	34	21
High River . . .	6	10	9	2	4	4	3	6	6	9	9	13	7
Calgary	172	155	128	108	51	138	176	172	224	280	307	276	182
Saunders	302	279	330	337	317	315	289	491	535	568	560	549	406
Yellowhead . . .													
Total	505	464	486	462	382	469	483	691	998	889	908	878	620

The following table shows the number of persons employed during each month in the BITUMINOUS Coal Field above and below ground:

Districts	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Crow's Nest Ps. . .	1,812	1,706	1,731	227	267	299	322	1,339	1,993	2,044	2,046	2,080	1,322
Canmore	312	314	298	45	53	56	58	250	333	337	346	349	230
Brazeau	547	565	519	51	50	58	57	453	564	639	748	812	422
Jasper Park . . .	792	743	716	471	566	658	499	578	595	618	632	621	624
Mountain Park. .	592	564	538	53	125	150	162	310	582	674	733	750	436
Total	4,055	3,886	3,602	847	1,061	1,221	1,098	2,930	4,067	4,312	4,505	4,612	3,034

The following table shows the number of persons employed during each month in the ANTHRACITE Coal Field above and below ground:

Districts	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Average Total
Banff	291	288	284	49	55	52	40	40	40	61	66	75	112

Per Capita Production of Mines in the Province.

Year	Gross tons of coal mined	Total average No. of men employed	Tons of coal mined per man employed	Average No. of men employed underground	Tons of coal mined per man employed underground
1906	1,385,000	2,800	494	2,000	692
1907	1,834,745	3,600	509	2,700	679
1908	1,845,000	3,780	488	2,681	688
1909	2,174,329	5,207	417	3,893	566
1910	3,036,757	5,818	504	4,090	742
1911	1,694,564	6,689	253	4,517	375
1912	3,446,349	6,661	517	4,861	708
1913	4,306,346	8,068	533	5,837	737
1914	3,821,739	8,170	467	6,052	631
1915	3,434,891	6,445	532	4,493	764
1916	4,648,604	7,570	614	5,536	839
1917	4,863,414	8,310	595	6,047	804
1918	6,148,620	8,818	697	6,141	1,001
1919	5,022,412	7,573	663	5,150	958
1920	6,908,923	9,688	712	6,551	1,055
1921	5,937,195	10,018	592	7,203	824
1922	5,976,432	8,747	683	6,154	971

Per Capita Production of Mines in the DOMESTIC Coal Field.

Year	Gross tons of coal mined	Total average No. of men employed	Tons of coal mined per man employed	Average No. of men employed underground	Tons of coal mined per man employed underground
1910	878,011	2,307	380	1,676	524
1911	964,700	3,548	271	2,488	391
1912	1,341,389	2,980	450	2,283	587
1913	1,763,225	4,017	438	2,929	601
1914	1,697,401	4,219	402	3,190	532
1915	1,682,922	3,181	529	2,210	761
1916	2,172,801	4,132	525	3,137	692
1917	2,537,829	4,701	539	3,489	727
1918	3,035,061	4,896	619	3,420	887
1919	2,611,009	4,226	617	2,953	884
1920	3,359,308	5,173	647	3,723	902
1921	2,943,141	5,601	525	4,256	691
1922	3,086,669	4,981	620	3,752	823

Per Capita Production of Mines in the SUB-BITUMINOUS Coal Field.

Year	Gross tons of coal mined	Total average No. of men employed	Tons of coal mined per man employed	Average No. of men employed underground	Tons of coal mined per man employed underground
1922	367,514 Stp. Pit. 179,550 B.G.'d	620	1,024	277	648

NOTE. The Sub-Bituminous was included with the Bituminous previous to the year 1922.

Per Capita Production of Mines in the BITUMINOUS Coal Field.

Year	Gross tons of coal mined	Total average No. of men employed	Tons of coal mined per man employed	Average No. of men employed underground	Tons of coal mined per man employed underground
1910	1,896,961	2,981	636	2,076	914
1911	649,745	2,641	246	1,820	357
1912	1,926,371	3,243	594	2,353	818
1913	2,374,401	3,562	666	2,645	897
1914	1,953,367	3,529	553	2,632	742
1915	1,626,237	2,921	557	2,103	773
1916	2,335,259	3,142	743	2,258	1,034
1917	2,206,868	3,335	661	2,429	909
1918	2,982,334	3,636	820	2,597	1,109
1919	2,325,787	3,118	745	2,100	1,108
1920	3,419,021	4,228	809	2,711	1,202
1921	2,897,380	4,183	701	2,820	1,026
1922	2,214,273	3,034	729	2,084	1,062

Per Capita Production of Mines in the ANTHRACITE Coal Field.

Year	Gross tons of coal mined	Total average No. of men employed	Tons of coal mined per man employed	Average No. of men employed underground	Tons of coal mined per man employed underground
1910	261,785	530	493	338	774
1911	80,119	500	160	209	383
1912	178,589	438	407	225	793
1913	168,720	489	345	263	641
1914	170,971	422	405	230	743
1915	125,732	343	366	180	698
1916	140,544	296	474	141	996
1917	118,717	284	418	129	920
1918	131,225	286	458	124	1,058
1919	85,616	229	374	95	901
1920	130,594	287	455	117	1,116
1921	96,674	284	341	127	761
1922	40,417	112	361	41	986

The table showing the number of men employed in the Anthracite Coal Field includes employees at the Briquetting plant.

During the year 1909 a strike affecting all the larger mines in the Province lasted for a period of three months.

During the year 1911 a strike affecting all the larger mines in the Province lasted for a period of eight months.

During the year 1917 a strike affecting all the larger mines in the Province lasted for a period of three months.

During the year 1919 a strike affecting all the larger mines in the Province lasted for a period of three months.

During the year 1922 a strike affecting all the larger mines in the Province lasted for a period of five months.

Per Capita Production of Mines in the DOMESTIC Coal Field
by Districts.

Districts	Gross tons of coal mined	Total Average No. of men em- ployed	Tons of coal min- ed per man em- ployed	Average No. of men em- ployed under- ground	Tons of coal min- ed per man em- ployed under- ground
Lethbridge	565,926	1,081	523	794	712
Magrath	3,137	12	261	11	285
Milk River	9,206	27	341	22	419
Taber	63,867	192	333	144	444
Bow Island	6,473	18	359	17	381
Medicine Hat	32,871	57	565	44	765
Aldersyde	12,059	31	389	39	415
Drumheller	1,170,913	1,681	697	1,317	889
Big Valley	37,215	79	491	62	600
Brooks	15,610	39	400	35	474
Hanna	42,573	80	532	58	734
Lacombe	17,138	39	439	33	519
Trochu	21,305	63	338	32	666
Three Hills	44,610	81	551	61	731
Carbon	39,757	115	346	88	452
Battle River	23,393	58	403	52	449
Camrose	76,038	102	745	67	1,135
Tofield Stripping Pit	85,872	65	1,321	.....	.....
Tofield Underground	1,037	3	345	2	518
Clover Bar	435,284	606	718	484	899
Edmonton	112,102	191	576	155	723
Namoo	8,262	19	435	13	635
Cardiff	108,780	159	684	115	946
Wabamun	40,523	51	794	37	1,095
Pembina	112,718	132	854	80	1,409
Total	3,086,669	4,981	620	3,752	823

Per Capita Production of Mines in the SUB-BITUMINOUS
Coal Field by Districts.

Districts	Gross tons of coal mined	Total Average No. of men em- ployed	Tons of coal min- ed per man em- ployed	Average No. of men em- ployed under- ground	Tons of coal min- ed per man em- ployed under- ground
Pincher Creek	10,850	21	517	18	603
High River	2,508	7	358	6	418
Calgary	217	4	54	3	72
Saunders	74,434	182	409	122	610
Yellowhead Stripping Pit	367,514	217	1,693	.....	.....
Yellowhead Underground	179,550	189	950	128	1,395
Total	635,073	620	1,024	277	1,002

NOTE. In calculating the total per capita production for men employed underground, the tonnage mined from stripping pits was deducted and only the tonnage produced from mines was used.

Per Capita Production of Mines in the BITUMINOUS Coal Field
by Districts.

Districts	Gross tons of coal mined	Total Average No. of men em- ployed	Tons of coal min- ed per man em- ployed	Average No. of men em- ployed under- ground	Tons of coal min- ed per man-em- ployed under- ground
Crow's Nest Pass	1,026,581	1,322	776	931	1,102
Canmore	169,448	230	737	159	1,062
Brazeau	321,470	422	762	324	992
Jasper Park	339,076	624	543	370	916
Mountain Park	357,698	436	820	299	1,197
Total	2,214,273	3,034	730	2,084	1,062

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The following table shows the number of days in each month on which DOMESTIC Coal was drawn:

Districts	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Lethbridge	17.86	21.14	20.00	12.50	9.30	16.57	17.80	15.00	19.00	21.50	21.60	19.65	211.92
Magrath	20.00	17.33	15.66	13.00	12.00	8.33	14.50	15.00	16.00	18.40	22.20	13.40	185.82
Milk River	20.08	17.08	16.33	11.70	13.11	15.37	17.87	15.00	20.73	22.83	21.33	18.75	210.48
Taber	10.77	13.87	10.11	9.25	12.00	11.00	13.85	15.22	15.66	19.80	19.10	14.25	164.88
Bow Island	14.30	13.80	12.62	9.00	8.00	10.71	10.28	13.57	16.00	20.40	17.58	12.95	159.21
Medicine Hat	14.37	13.28	11.00	3.00	4.75	3.33	10.71	13.57	16.00	20.40	17.58	12.95	159.21
Aldersyde	18.10	17.33	18.09	14.00	15.71	12.50	14.85	19.88	20.55	23.00	18.00	11.71	156.24
Drumheller	15.11	18.06	15.30	11.66	16.81	15.46	16.15	5.44	22.48	23.24	17.81	18.05	267.45
Big Valley	22.33	21.14	16.66	12.90	12.25	11.00	10.50	9.80	17.50	20.80	14.40	15.50	195.57
Brooks	22.18	21.43	20.50	17.25	18.66	20.25	15.00	20.50	22.28	20.43	23.71	19.43	184.78
Hanna	19.22	20.35	17.44	13.28	12.33	10.62	12.92	14.80	20.11	16.63	21.88	16.12	241.62
Lacombe	15.40	15.13	15.18	16.75	10.00	11.27	11.20	12.16	15.00	17.31	19.31	13.80	195.70
Trochu	21.19	19.16	10.63	10.50	11.85	8.28	15.25	14.40	16.58	19.99	16.26	15.26	172.51
Three Hills	18.40	18.80	14.40	10.20	10.40	7.50	13.00	12.60	16.59	18.36	18.50	17.12	179.35
Carbon	19.70	22.00	20.20	20.66	19.85	15.50	15.83	18.87	20.16	24.62	21.87	14.90	175.87
Battle River	16.84	19.00	12.55	7.00	10.00	9.16	16.00	11.00	12.62	17.11	16.19	13.25	298.06
Camrose	19.11	18.22	15.42	5.16	9.50	12.80	16.80	19.80	18.87	21.71	16.22	20.00	160.72
Tofield	22.66	21.33	18.00	13.33	16.50	17.00	14.00	17.00	20.33	21.33	20.00	21.66	193.61
Clover Bar	17.40	19.55	20.61	15.43	14.00	10.50	13.28	24.66	23.00	22.50	18.00	22.00	223.14
Edmonton	19.46	18.14	18.20	15.14	16.20	14.80	13.40	21.66	18.62	22.00	19.17	20.02	220.93
Namoo	15.50	22.00	19.00	18.00	.....	.....	16.50	12.00	9.50	14.66	13.83	19.66	214.03
Cardiff	16.25	12.50	9.66	6.00	3.66	5.50	5.00	15.00	23.33	21.66	18.00	18.00	160.65
Wabamun	26.00	15.00	7.00	24.00	24.00	15.00	19.00	25.00	25.00	25.00	20.00	23.00	151.56
Pembina	24.00	22.00	22.00	.....	.....	9.00	25.00	27.00	25.00	26.00	14.00	25.00	248.00
Average	18.59	18.24	15.69	12.77	12.77	11.80	14.65	16.65	18.80	20.71	18.55	17.50	197.13

The following table shows the number of days in each month on which SUB-BITUMINOUS Coal was drawn:

Districts	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Pincher Creek	19.66	17.33	15.16	6.00	8.33	8.33	10.25	17.00	17.60	19.20	22.00	16.83	177.69
High River	20.00	20.00	25.50	4.00	15.00	18.00	14.00	22.50	20.50	14.00	23.00	20.33	216.83
Calgary	.....	.....	.....	.....	.....	.....	6.00	12.00	25.00	15.00	.....	17.00	75.00
Saunders	17.66	16.18	13.33	14.50	10.00	15.33	19.25	26.33	18.25	23.25	20.00	21.75	215.83
Yellowhead	17.50	16.33	17.50	20.16	26.00	9.33	16.83	24.00	21.25	20.60	15.37	18.59	222.86
Average	18.71	17.46	17.87	11.17	14.83	12.75	13.27	20.37	20.52	18.29	20.09	18.90	204.23

The following table shows the number of days in each month on which BITUMINOUS Coal was drawn:

Districts	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Crow's Nest Ps.	19.71	22.25	24.16	19.50	24.50	26.00	25.00	13.33	18.28	18.33	20.28	23.00	254.34
Canmore	14.00	17.00	27.00	.....	.....	.....	.....	4.00	19.00	19.00	17.00	22.00	139.00
Brazeau	18.00	16.00	23.00	.....	.....	.....	.....	3.00	25.00	26.00	25.00	24.00	160.00
Jasper Park	26.00	20.50	27.00	24.00	26.00	26.00	26.00	-	24.00	24.00	25.00	25.00	294.50
Mountain Park	25.66	22.00	26.33	26.00	26.00	26.00	24.50	17.00	18.00	25.17	23.17	22.66	282.49
Average	20.67	19.55	25.50	23.17	25.50	26.00	23.17	12.87	20.85	22.50	22.09	23.33	265.20

The following table shows the number of days in each month on which ANTHRACITE Coal was drawn:

Districts	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Banff	25.00	24.00	26.00	26.00	25.00	25.00	151.00

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The following table gives the average hours worked per week each month in Districts in the DOMESTIC Coal Field:

Districts	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Lethbridge	32.95	42.24	35.52	23.04	17.16	31.80	34.14	26.66	36.48	39.69	41.46	37.73
Magrath	36.90	34.62	27.84	24.00	22.14	16.02	27.84	26.66	30.72	33.99	42.62	25.68
Milk River	37.08	34.14	29.04	21.60	24.18	29.52	34.06	27.20	39.78	42.14	40.95	36.00
Taber	19.86	27.72	17.94	17.04	22.14	21.12	26.85	27.05	30.06	36.54	36.67	27.36
Bow Island	26.40	27.60	22.44	16.62	14.76	20.58	20.33	24.12	30.72	37.70	33.75	24.86
Medicine Hat	26.52	26.52	19.56	5.52	8.76	6.42	25.92	42.66	31.26	42.45	34.56	22.47
Aldersyde	33.42	34.62	32.16	25.86	28.98	24.00	28.50	35.34	39.44	38.10	36.86	31.86
Drumheller	27.90	36.12	27.18	21.54	31.02	29.70	31.00	9.66	43.15	42.90	34.19	34.65
Big Valley	41.22	48.00	29.58	23.82	22.62	21.12	20.16	17.43	33.60	38.40	27.65	29.76
Brooks	40.92	42.84	36.42	31.86	34.44	38.88	28.80	36.45	42.77	37.50	45.50	37.30
Hanna	35.46	40.68	31.02	24.48	22.74	20.40	24.80	26.31	38.60	30.70	42.01	30.95
Lacombe	28.44	30.24	27.00	30.90	18.48	21.66	21.50	21.62	28.50	32.02	37.06	26.49
Trochu	39.12	38.28	18.90	19.38	21.90	15.90	29.28	25.60	31.83	36.90	31.21	29.30
Three Hills	33.96	37.56	25.56	18.84	19.20	14.40	24.96	22.40	31.86	33.90	34.62	32.87
Carbon	36.36	43.98	35.88	38.10	36.66	29.76	30.39	33.54	38.70	45.45	41.99	28.61
Battle River	31.08	37.98	22.32	12.90	18.48	17.58	30.72	19.54	24.22	31.58	31.08	25.44
Camrose	35.28	36.42	27.42	16.92	17.52	24.60	32.25	35.20	36.22	40.08	31.14	38.40
Tofield	41.82	42.66	31.98	24.60	30.48	32.64	35.84	30.20	39.03	39.38	38.40	41.58
Clover Bar	32.10	39.06	36.60	28.50	25.86	20.16	25.49	44.06	44.16	41.52	34.56	42.24
Edmonton	35.94	36.24	32.34	27.96	29.88	28.44	25.70	38.49	35.73	35.46	36.80	38.43
Namoo	28.62	43.98	33.78	33.24	.....	.....	31.68	21.33	18.24	27.06	26.55	37.74
Cardiff	30.00	24.96	17.16	11.04	6.78	10.56	9.60	26.66	44.80	39.98	28.80	34.56
Wabamun	48.00	30.00	12.42	44.28	44.28	28.80	38.88	44.44	48.00	46.18	38.40	44.16
Pembina	44.28	43.98	39.12	.....	.....	16.80	48.00	48.00	48.00	48.00	26.88	48.00
Average	34.32	36.69	27.97	22.58	21.60	21.70	28.19	29.61	36.09	38.22	35.61	33.60

The following table shows the average hours worked per week each month in Districts in the SUB-BITUMINOUS Coal Field:

Districts	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Pincher Creek	36.30	34.68	26.94	11.52	15.36	15.99	19.68	30.22	33.78	35.44	42.24	32.31
High River	36.90	40.02	45.30	7.68	27.69	34.53	26.88	39.99	39.36	25.84	44.16	39.03
Calgary	32.58	32.34	23.70	27.84	18.50	29.43	9.12	21.33	48.00	27.70	.....	32.64
Saunders	32.28	32.64	31.08	38.64	48.00	17.91	36.96	46.83	35.04	42.92	38.40	41.76
Yellowhead							32.31	42.66	40.80	36.92	29.51	35.69
Total	34.51	34.92	31.75	21.42	27.39	24.48	25.45	36.21	39.40	33.75	38.56	36.28

The following table shows the average hours worked per week each month in Districts in the BITUMINOUS Coal Field:

Districts	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Crow's Nest Ps.	36.36	44.52	42.96	36.00	45.22	48.00	48.00	23.70	35.10	33.84	38.93	44.16
Canmore	25.86	34.02	48.00	.....	.....	.....	.....	7.10	36.48	35.08	32.64	42.24
Brazeau	33.24	31.98	40.86	.....	.....	.....	.....	5.38	48.00	48.00	48.00	46.08
Jasper Park	48.00	40.98	48.00	44.28	48.00	48.00	38.40	48.00	46.08	44.30	48.00	48.00
Mountain Park	47.40	43.98	46.80	48.00	48.00	48.00	47.05	30.22	34.56	46.46	44.48	43.50
Total	38.17	39.09	45.32	25.65	47.04	48.00	44.46	22.88	40.03	41.53	42.41	44.79

The following table shows the average hours worked per week each month in Districts in the ANTHRACITE Coal Field:

Districts	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Banff	48.00	48.00	.....	.....	.....	.....	.....	.....	48.00	48.00	48.00	48.00

The following table shows the amount of Mine Timber used during the year:

DOMESTIC COAL FIELD

Districts	Round timber in lineal feet	Square timber in square feet B.M.	Ties	Cord- wood	Lagg- ing	Slabs in cords
3 Lethbridge	2,834,650	117,383	102,208	619	.....	65
Magrath	11,020	.....	.....	.....	.....	.....
Milk River	39,737	.....	.....	.....	.....	.....
6 Taber	272,693	3,900	7,602	.....	.....	.....
Bow Island	20,175	.....	.....	.....	.....	.....
Medicine Hat	71,688	.....	.....	.....	.....	.....
Aldersyde	43,640	.....	.....	.....	.....	.....
14 Drumheller	2,709,949	.....	.....	.....	.....	.....
Big Valley	98,441	.....	.....	.....	.....	.....
Brooks	68,076	10,340	.....	.....	.....	.....
Hanna	43,667	9,846	.....	.....	.....	.....
Lacombe	66,254	.....	.....	.....	.....	.....
Trochu	55,945	420	.....	.....	.....	.....
22 Three Hills	64,913	.....	.....	.....	.....	.....
Carbon	94,386	.....	.....	.....	.....	.....
Battle River	149,812	1,000	.....	.....	.....	.....
Camrose	379,698	.....	.....	.....	.....	.....
Tofield	4,000	.....	.....	.....	.....	.....
27 Clover Bar	1,717,804	.....	.....	.....	.....	.....
Edmonton	527,131	.....	.....	.....	.....	150
Namoo	48,800	.....	.....	.....	.....	.....
Cardiff	160,461	.....	.....	.....	.....	.....
Wabamun	95,142	6,000	8,799	.....	.....	775
Pembina	279,049	22,375	69,565	.....	.....	.....
Total	9,859,561	171,264	124,965	619	.....	990

SUB-BITUMINOUS COAL FIELD

Districts	Round timber in lineal feet	Square timber in square feet B.M.	Ties	Lagging <i>lin. ft.</i>	Slabs in cords
2 Pincher Creek	10,671	....	....	....	....
High River	10,896	....	....	....	....
Calgary	3,532	....	....	....	....
16 •Saunders	391,641	....	....	75,884	....
Yellowhead	182,178	....	14,064	....	....
Total	598,918	....	14,064	75,884	....

BITUMINOUS COAL FIELD

Districts	Round timber in lineal feet	Square timber in square feet B.M.	Ties	Lagging <i>lin. ft.</i>	Slabs in cords
1 •Crow's Nest Pass	1,825,530	181,990	....	320,506	....
12 •Canmore	135,000	....	....	150,000	....
17 •Brazeau	1,343,792	....	....	....	....
34 •Jasper Park	365,660	....	....	....	1,082½
Mountain Park	556,846	....	10,850	1,718,206	....
Total	4,226,828	181,990	10,850	2,188,706	1,082½

ANTHRACITE COAL FIELD

Districts	Round timber in lineal feet	Lagging <i>lin. ft.</i>	Planks	Boards
Banff	66,996	66,336	....	....

Particulars of Lamps used in Mines in the DOMESTIC Coal Field.

	1919	1920	1921	1922
Portable Electric Lamps, Edison type	180	940	1,063	1,000
Portable Electric Lamps, Ceag type	35	35	35	35
Portable Electric Lamps, Wico type	550	500	500	500
Safety Lamps, Wolfe flame type	670	495	524	421
Open Lights	3,972	3,422	3,557	3,320
Total	5,407	5,392	5,686	5,276

Particulars of Lamps used in Mines in the SUB-BITUMINOUS Coal Field.

	1919	1920	1921	1922
Safety Lamps, Wolfe flame type .....	.....	.....	.....	54
Open lights	149	273	252	223
Total	149	273	252	277

Particulars of Lamps used in Mines in the BITUMINOUS Coal Field.

	1919	1920	1921	1922
Portable Electric Lamps, Edison type	2,192	2,214	2,612	2,849
Portable Electric Lamps, Oldham type .....	.....	.....	.....	9
Portable Electric Lamps, General Electric type .....	.....	71	71	71
Safety Lamps, Wolfe flame type	1,404	1,441	1,301	1,218
Total	3,596	3,726	3,984	4,147

Particulars of Lamps used in Mines in the ANTHRACITE Coal Field.

	1919	1920	1921	1922
Safety Lamps, Wolfe flame type	350	361	250	250

EXPLOSIVES

The following table shows the quantity of Explosives used in pounds for blasting Coal in the BITUMINOUS Coal Field:

Districts	Name of Explosive											Total
	Mono- bel No. 3	Miner's Friend No. 9	Mono- bel No. 1	Coalite C.L.F.	Dyno- bel No. 4	Mono- bel No. 4	Polar Per- mitite	Mono- bel No. 2	Viking No. 1	Pol- ar For- cite	Pol- ar Cxl- ite	
Crow's Nest Pass	.....	7,800	5,399	48,729	52,065	1,000	2,753	.....	.....	38	281	118,065
Canmore	.....	.....	.....	.....	17,750	20,000	.....	.....	.....	.....	.....	37,750
Brazeau	.....	.....	4,200	12,100	.....	.....	.....	.....	.....	.....	.....	16,300
Jasper Park	100	3,690	.....	.....	.....	.....	.....	.....	.....	.....	.....	3,790
Mountain Park	9,300	.....	17,490	3,900	.....	.....	100	250	3,450	.....	.....	34,490
Total	9,400	11,490	27,089	64,729	69,815	21,000	2,853	250	3,450	38	281	210,395

EXPLOSIVES

The following table shows the quantity of Explosives used in pounds for blasting Coal in the ANTHRACITE Coal Fields:

Districts	Name of Explosive	
	Monobel No. 1	Total
Banff	3,450	3,450

The following table shows the number of tons of DOMESTIC Coal produced per pound of explosive used for blasting coal :

Districts	No. of tons mined	No. of lbs. of explosives used	Tons of coal mined per lb. of explosives used
Lethbridge	565,926	87,636	6.46
Magrath	3,137	1,700	1.96
Milk River	9,206	9,214	.99
Taber	63,867	18,481	3.46
Bow Island	6,473	5,850	1.11
Medicine Hat	32,871	13,735	1.66
Aldersyde	12,059	5,235	2.30
Drumheller	1,170,913	339,185	3.45
Big Valley	37,215	2,250	16.54
Brooks	15,610	18,860	.83
Hanna	42,573	14,670	2.89
Lacombe	17,138	6,317	2.71
Trochu	21,305	12,804	1.66
Three Hills	44,610	25,981	1.71
Carbon	39,757	22,838	1.74
Battle River	23,393	4,004	5.84
Camrose	76,038	535	142.12
Tofield	86,909	12,550	6.92
Clover Bar	435,284	73,216	5.94
Edmonton	112,102	28,950	3.87
Namoo	8,262	325	25.41
Cardiff	108,780	41,712	2.67
Wabamun	40,523	2,200	18.42
Pembina	112,718	12,456	9.05
Total	3,086,669	760,704	4.06

The following table shows the number of tons of SUB-BITUMINOUS Coal produced per pound of Explosive used for blasting Coal:

Districts	No. of tons mined	No. of lbs. of explosives used	Tons of coal mined per lb. of explosive used
Pincher Creek	10,850	4,648	2.33
High River	2,508	560	4.48
Calgary	217	15	14.46
Saunders	74,434	26,940	2.76
Yellowhead	547,064	205,470	2.66
Total	635,073	237,633	2.67

The following table shows the number of tons of BITUMINOUS Coal produced per pound of Explosive used for blasting Coal:

Districts	No. of tons mined	No. of lbs. of explosives used	Tons of coal mined per lb. of explosive used
Crow's Nest Pass	1,026,581	118,065	8.69
Canmore	169,448	37,750	4.48
Brazeau	321,470	16,300	19.72
Jasper Park	339,076	3,790	89.46
Mountain Park	357,698	34,490	10.37
Total	2,214,273	210,395	10.52

The following table shows the number of tons of ANTHRACITE Coal produced per pound of Explosive used for blasting Coal:

District	No. of tons mined	No. of lbs. of explosives used	Tons of coal mined per lb. of explosive used
Banff	40,417	3,450	11.71

Estimated number of shots fired for blasting Coal in the
DOMESTIC Coal Field:

Districts	Electric Deton- ator	Electric Squib	Fuse	Squib	Total
Lethbridge	14,567	55,220	2,350	37,535	109,672
Magrath .....	.....	.....	.....	3,600	3,600
Milk River .....	.....	.....	650	14,431	15,081
Taber .....	.....	.....	2,200	12,860	15,060
Bow Island .....	.....	.....	500	6,046	6,546
Medicine Hat .....	.....	.....	160	16,033	16,193
Aldersyde .....	.....	.....	297	8,900	9,197
Drumheller	18,906	.....	327,733	.....	346,639
Big Valley .....	.....	.....	3,201	.....	3,201
Brooks .....	.....	.....	16,631	1,804	18,435
Hanna .....	.....	.....	13,240	2,484	15,724
Lacombe .....	.....	.....	3,389	1,350	4,739
Trochu .....	.....	.....	16,863	3,190	20,053
Three Hills .....	.....	.....	12,605	985	13,590
Carbon .....	.....	.....	20,224	5,291	25,515
Battle River .....	.....	.....	2,593	120	2,713
Camrose .....	.....	.....	540	.....	540
Tofield .....	.....	.....	11,574	.....	11,574
Clover Bar	12,972	16,022	43,068	.....	72,062
Edmonton	15,705	.....	10,829	.....	26,534
Namoo .....	.....	.....	329	.....	329
Cardiff .....	.....	.....	24,929	.....	24,929
Wabamun .....	.....	.....	3,520	.....	3,520
Pembina	13,391	.....	.....	.....	13,391
Peace River .....	.....	.....	.....	.....	.....
Total	75,541	71,242	517,425	114,629	778,837

Estimated number of shots fired for blasting Coal in the
SUB-BITUMINOUS Coal Field:

Districts	Electric Deton- ator	Electric Squib	Fuse	Squib	Total
Pincher Creek	3,014	.....	5,185	535	8,734
High River .....	.....	.....	1,010	.....	1,010
Calgary .....	.....	.....	25	.....	25
Saunders	3,500	.....	30,580	.....	34,080
Yellowhead	46,788	.....	7,210	.....	53,998
Total	53,302	.....	44,010	535	97,847

Estimated number of shots fired for blasting Coal in the
BITUMINOUS Coal Field:

Districts	Electric Deton- ator	Electric Squib	Fuse	Squib	Total
Crow's Nest Pass	105,759	....	....	....	105,759
Canmore	47,500	....	....	....	47,500
Brazeau	24,453	....	....	....	24,453
Jasper Park	3,850	....	....	....	3,850
Mountain Park	55,895	....	....	....	55,895
Total	237,457	....	....	....	237,457

Estimated number of shots fired for blasting Coal in the
ANTHRACITE Coal Field:

Districts	Electric Deton- ator	Electric Squib	Fuse	Squib	Total
Banff	4,640	....	....	....	4,640

Number of Miss-Fire shots recorded in blasting Coal in the
DOMESTIC Coal Field:

Districts	Electric Deton- ator	Electric Squib	Fuse	Squib	Total
Lethbridge	13	232	3	21	269
Magrath	8	8
Milk River	1	15	16
Taber	3	.....	3
Bow Island	40	40
Medicine Hat	1	26	27
Aldersyde	7	7
Drumheller	52	.....	206	.....	258
Big Valley	3	.....	3
Brooks	41	6	47
Hanna	63	59	122
Lacombe	12	.....	12
Trochu	61	3	64
Three Hills	21	17	38
Carbon	16	20	36
Battle River	4	.....	4
Camrose	9	.....	9
Tofield	5	.....	5
Clover Bar	14	.....	87	.....	101
Edmonton	65	.....	65
Namao	4	.....	4
Cardiff	3	.....	3
Wabamun	2	.....	2
Pembina	13	.....	.....	.....	13
Total	92	232	610	222	1,156

Number of Miss-Fire shots recorded in blasting Coal in the
SUB-BITUMINOUS Coal Field:

Districts	Electric Deton- ator	Electric Squib	Fuse	Squib	Total
Pincher Creek	2	.....	3	.....	5
High River .....	.....	.....	7	.....	7
Calgary .....	.....	.....	.....	.....	.....
Saunders	15	.....	35	.....	50
Yellowhead	22	.....	8	.....	30
Total	39	.....	53	.....	92

Number of Miss-Fire shots recorded in blasting Coal in the BITUMINOUS Coal Field:

Districts	Electric Deton- ator	Electric Squib	Fuse	Squib	Total
Crow's Nest Pass	150	....	....	....	150
Canmore	28	....	....	....	28
Brazeau	74	....	....	....	74
Jasper Park	18	....	....	....	18
Mountain Park	84	....	....	....	84
Total	354	....	....	....	354

Number of Miss-Fire shots recorded in blasting Coal in the ANTHRACITE Coal Field:

Districts	Electric Deton- ator	Electric Squib	Fuse	Squib	Total
Banff	8	....	....	....	8

The following table shows the quantity of Explosives used in pounds for blasting Rock in Coal Mines in the PROVINCE:—
Continued.

Districts	Name of Explosive													Total
	Polar Permitite	Polar Cxlite	Pol. Am. Dyn- amite 30%	Dyna- mite 60%	Miner's Friend No. 9	Dyna- mite 40%	Black Pdr.	Mono- bel No. 1	Stp. Pdr.	Gelper- mite	Mono- bel No. 3	Vik- ing No. 1	Coal- ite E	
Canrose	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Tofield	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Clover Bar	.....	.....	5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Edmonton	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Namoo	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Cardiff	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Wabamun	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Pembina	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Jasper Park	2,060	.....	.....	.....	.....	.....	.....	.....	.....	9,750	.....	.....	.....	11,750
Yellowhead	.....	.....	.....	.....	.....	5,245	.....	.....	.....	.....	.....	.....	4,200	9,445
Mountain Park	2,900	.....	.....	5,100	.....	.....	.....	.....	.....	.....	.....	.....	.....	8,000
Total	28,827	1,600	413	5,670	1,000	8,285	1,997	1,486	310	10,150	2,377	300	4,200	66,615

Estimated number of shots fired for blasting Rock in Coal Mines in the Province:

Districts	Electric Detona- tor	Electric Squib	Fuse	Squib	Total
Crow's Nest Pass	8,393	.....	.....	.....	8,393
Pincher Creek .....	.....	.....	15	.....	15
Lethbridge	160	.....	.....	65	225
Magrath .....	.....	.....	65	50	115
Milk River .....	.....	.....	80	.....	80
Taber	122	.....	1,429	445	1,996
Bow Island .....	.....	.....	.....	674	674
Medicine Hat .....	.....	.....	180	.....	180
Aldersyde .....	.....	.....	125	220	345
High River .....	.....	.....	50	.....	50
Calgary .....	.....	.....	235	.....	235
Canmore	8,000	.....	.....	.....	8,000
Banff	2,320	.....	.....	.....	2,320
Drumheller	320	.....	9,247	.....	9,567
Big Valley .....	.....	.....	.....	.....	.....
Saunders	1,100	.....	1,443	.....	2,543
Brazeau	3,592	.....	.....	.....	3,592
Brooks .....	.....	.....	254	.....	254
Hanna .....	.....	.....	90	.....	90
Lacombe .....	.....	.....	240	.....	240
Trochu .....	.....	.....	330	.....	330
Three Hills .....	.....	.....	345	.....	345
Carbon .....	.....	.....	905	.....	905
Battle River .....	.....	.....	19	.....	19
Camrose .....	.....	.....	.....	.....	.....
Tofield .....	.....	.....	.....	.....	.....
Clover Bar .....	.....	.....	.....	.....	.....
Edmonton	15	.....	.....	.....	15
Namao .....	.....	.....	.....	.....	.....
Cardiff .....	.....	.....	.....	.....	.....
Wabamun .....	.....	.....	.....	.....	.....
Pembina .....	.....	.....	.....	.....	.....
Jasper Park	8,390	.....	.....	.....	8,390
Yellowhead	2,271	.....	1,860	.....	4,131
Mountain Park	1,190	.....	1,600	.....	2,790
Total	35,873	.....	18,512	1,454	55,839

The following table gives the number of Miss-Fire Shots recorded in blasting Rock in Coal Mines in the Province:

Districts	Electric Detona- tor	Electric Squib	Fuse	Squib	Total
Crow's Nest Pass.....	11	....	....	....	11
Pincher Creek .....	....	....	....	....	....
Lethbridge .....	....	....	....	....	....
Magrath .....	....	....	....	....	....
Milk River .....	....	....	....	....	....
Taber	2	....	4	....	6
Bow Island .....	....	....	....	....	....
Medicine Hat .....	....	....	....	....	....
Aldersyde .....	....	....	....	....	....
High River .....	....	....	....	....	....
Calgary .....	....	....	....	....	....
Canmore .....	....	....	....	....	....
Banff	4	....	....	....	4
Drumheller.....	....	....	24	....	24
Big Valley .....	....	....	....	....	....
Saunders	10	....	....	....	10
Brazeau	1	....	....	....	1
Brooks .....	....	....	....	....	....
Hanna .....	....	....	....	....	....
Lacombe .....	....	....	....	....	....
Trochu .....	....	....	....	....	....
Three Hills .....	....	....	....	....	....
Carbon .....	....	....	....	....	....
Battle River .....	....	....	....	....	....
Camrose .....	....	....	....	....	....
Tofield .....	....	....	....	....	....
Clover Bar.....	....	....	....	....	....
Edmonton .....	....	....	....	....	....
Namoo .....	....	....	....	....	....
Cardiff .....	....	....	....	....	....
Wabamun.....	....	....	....	....	....
Pembina .....	....	....	....	....	....
Jasper Park	10	....	....	....	10
Yellowhead .....	....	....	....	....	....
Mountain Park	19	....	60	....	79
Peace River .....	....	....	....	....	....
Total	57	....	88	....	145

ELECTRICITY.

The rules for the Installation and Use of Electricity in or about mines require a return to be made to the Department on or before January 21st, of each year, giving size, type and any other particulars which may be required of electrical apparatus in use above and below ground. According to the returns received from the different mines, electricity was used in 66 different mines in 1922. A summary of these returns regarding the horse-power of electrical apparatus in use is given below:

Districts	No. of Mines using Elec- tricity	Horse-Power Electrical Apparatus in use.		Total Horse- Power
		Above ground	Below ground	
Crow's Nest Pass.....	5	5,175½	1,580	6,755½
Pincher Creek				
Lethbridge	7	974	433	1,407
Magrath				
Milk River				
Taber	2	160	343	503
Bow Island				
Medicine Hat	2	25	66	85
Aldersyde				
High River				
Calgary				
Canmore	1	575	100	675
Banff	1	215		215
Drumheller	24	1,684	1,610	3,294
Big Valley	1	45	65	110
Saunders	1	8		8
Brazeau	1	452	80	532
Brooks				
Hanna				
Lacombe				
Trochu				
Three Hills	1	4		4
Carbon	1	25	30	55
Battle River				
Camrose	1	7½	15	22½
Tofield				
Clover Bar	3	126	177	303
Edmonton	4	175½	155	330½
Namoo				
Cardiff	2		165	165
Wabamun	1	45	27	72
Pembina	1	170½	451½	622
Jasper Park	1	240		240
Yellowhead	3	135		135
Mountain Park	3	157½	95	252½
Peace River.....				
Total	66	10,399½	5,386½	15,786

A closer estimate of the extent to which electricity is used in the different districts may be made by considering the number of tons of coal raised per electrical horse-power employed in all mines under The Mines Act. The following table will give this information:

Tons of Coal per Electrical Horse-Power Employed.

Districts	Tons of Coal mined in 1922	Above ground	Below ground	Total above and below ground
Crow's Nest Pass	1,026,581	196	649	152
Pincher Creek	10,850	.....	.....	.....
Lethbridge	569,926	586	1,316	405
Magrath	3,137	.....	.....	.....
Milk River	9,206	.....	.....	.....
Taber	63,867	399	186	127
Bow Island	6,473	.....	.....	.....
Medicine Hat	32,871	1,315	548	387
Aldersyde	12,059	.....	.....	.....
High River	2,508	.....	.....	.....
Calgary	217	.....	.....	.....
Canmore	169,448	294	1,694	248
Banff	40,417	189	.....	189
Drumheller	1,170,913	695	727	325
Big Valley	37,215	827	572	338
Saunders	74,434	9,304	.....	9,304
Brazeau	321,470	711	4,016	604
Brooks	15,610	.....	.....	.....
Hanna	42,573	.....	.....	.....
Lacombe	17,138	.....	.....	.....
Trochu	21,305	.....	.....	.....
Three Hills	44,610	11,152	.....	11,152
Carbon	39,757	1,590	1,325	725
Battle River	23,393	.....	.....	.....
Camrose	76,038	10,138	5,069	3,379
Tofield	86,909	.....	.....	.....
Clover Bar	435,284	3,454	2,572	1,436
Edmonton	112,102	657	723	339
Namoo	8,262	.....	.....	.....
Cardiff	108,780	.....	659	659
Wabamun	40,523	900	1,501	563
Pembina	112,718	661	249	181
Jasper Park	339,076	1,413	.....	1,413
Yellowhead	547,064	3,025	.....	3,025
Mountain Park	357,698	2,271	3,754	1,416

This table is useful to show, by comparison with other years, the growth or decline in the use of electricity in the Province as a whole, and in each district taken separately.

The number of electrically driven coal-cutting machines in use at the end of the year was seventy-six.

COAL-CUTTING MACHINERY.

Districts	No. of Coal-cutting Machines operated by		Tons of Coal mined by	
	Electri- city	Com- pressed air	Electri- city	Com- pressed Air
Crow's Nest Pass . . . . .	.....	1	.....	2,566
Pincher Creek . . . . .	.....	.....	.....	.....
Lethbridge . . . . .	.....	107	.....	449,018
Magrath . . . . .	.....	.....	.....	.....
Milk River . . . . .	.....	.....	.....	.....
Taber	2	37	14,286	35,861
Bow Island . . . . .	.....	.....	.....	.....
Medicine Hat	2	2	20,900	8,585
Aldersyde . . . . .	.....	.....	.....	.....
High River . . . . .	.....	.....	.....	.....
Calgary . . . . .	.....	.....	.....	.....
Canmore . . . . .	.....	.....	.....	.....
Banff . . . . .	.....	.....	.....	.....
Drumheller	51	24	877,890	137,006
Big Valley	2	.....	31,212	.....
Saunders . . . . .	.....	13	.....	72,792
Brazeau . . . . .	.....	.....	.....	.....
Brooks . . . . .	.....	.....	.....	.....
Hanna . . . . .	.....	.....	.....	.....
Lacombe . . . . .	.....	.....	.....	.....
Trochu . . . . .	.....	2	.....	5,875
Three Hills . . . . .	.....	2	.....	23,437
Carbon	1	3	500	1,275
Battle River . . . . .	.....	.....	.....	.....
Camrose . . . . .	.....	.....	.....	.....
Tofield . . . . .	.....	.....	.....	.....
Clover Bar	4	9	77,203	102,400
Edmonton	3	2	63,120	18,163
Namoo . . . . .	.....	.....	.....	.....
Cardiff	5	.....	76,264	.....
Wabamun	1	.....	4,824	.....
Pembina	5	.....	112,158	.....
Jasper Park . . . . .	.....	.....	.....	.....
Yellowhead . . . . .	.....	.....	.....	.....
Mountain Park . . . . .	.....	.....	.....	.....
Peace River . . . . .	.....	.....	.....	.....
Total	76	202	1,278,357	856,912

ACCIDENTS.

Summary table showing accidents occurring in Mines during 1906 to 1922 inclusive:

Year	Output	Accidents			Tons of coal mined per accident		
		Fatal	Serious	Slight	Fatal	Serious	Slight
1906	1,385,000	10	11	20	138,500	125,909	69,250
1907	1,834,745	19	18	68	96,565	101,930	26,981
1908	1,845,000	11	38	13	167,727	48,552	141,923
1909	2,174,329	9	42	18	241,952	51,769	120,796
1910	3,036,757	61*	41	58	49,782	71,067	52,375
1911	1,694,564	7	32	45	242,080	52,955	37,656
1912	3,446,349	21	38	58	164,111	90,693	59,419
1913	4,306,346	28	60	83	152,789	71,772	51,883
1914	3,821,739	209†	44	50	18,286	86,857	76,434
1915	3,434,891	18	33	33	190,827	104,087	104,087
1916	4,648,604	20	51	34	232,430	91,149	136,723
1917	4,863,414	24	62	39	202,642	78,442	124,703
1918	6,148,620	22	60	77	279,483	102,477	79,860
1919	5,022,412	21	56	54	239,162	89,685	93,008
1920	6,908,923	29	53	38	238,733	130,371	181,814
1921	5,937,195	21	64	25	282,721	92,769	237,488
1922	5,976,432	35	38	35	170,755	157,274	170,755
Total	66,485,320	565	741	648	117,673	89,737	102,632

*Including thirty-one deaths caused by the Bellevue explosion.

†Including one hundred and eighty-nine deaths caused by the Hillcrest explosion.

Table showing accidents during 1922, classified according to the coal field in which they occurred:

	Output	Accidents			Tons of coal mined per accident		
		Fatal	Serious	Slight	Fatal	Serious	Slight
Domestic	3,086,669	18	15	25	171,481	205,777	122,267
Sub-Bituminous ...	635,073	7	1	3	90,725	635,073	211,691
Bituminous	2,214,273	10	22	7	221,427	100,649	316,325
Anthracite	40,417	....	....	....	....	....	....

Classification of accidents according to outputs of Mines which produced during the year 1922:

	Under 10,000 Tons	From 10,000 to 50,000 Tons	From 50,000 to 100,000 Tons	From 100,000 to 200,000 Tons	From 200,000 to 300,000 Tons	From 300,000 to 400,000 Tons	Total
Fatal	4	13	3	9	1	5	35
Serious	2	3	6	13	9	5	38
Slight	6	13	3	11	....	2	35
Total	12	29	12	33	10	12	108

Table showing number of tons of coal extracted per accident in Mines which produced during 1922:

	Under 10,000 Tons	From 10,000 to 50,000 Tons	From 50,000 to 100,000 Tons	From 100,000 to 200,000 Tons	From 200,000 to 300,000 Tons	From 300,000 to 400,000 Tons	Total
Fatal	87,046	84,483	427,567	132,860	713,114	268,385	170,755
Serious	174,092	366,094	213,783	91,980	79,235	268,385	157,222
Slight	58,031	84,483	427,567	108,704	....	670,963	170,755
Total	29,015	37,871	106,891	36,234	71,311	111,827	55,337

The following table shows the number of tons produced per accident:

DOMESTIC COAL MINES.

Districts	Output	Average No. of men employed.	Number of tons produced per accident			
			Fatal	Serious	Slight	Total
Lethbridge	565,926	1,081	185,308	141,481	141,481	51,175
Magrath	3,137	12	3,137	.....	.....	3,137
Milk River	9,206	27	.....	.....	.....	.....
Taber	63,867	192	63,867	.....	63,867	31,933
Bow Island	6,473	18	.....	.....	.....	.....
Medicine Hat	32,871	57	.....	.....	.....	.....
Aldersyde	12,059	31	.....	.....	.....	.....
Drumheller	1,170,913	1,681	195,152	234,182	195,152	68,877
Big Valley	37,215	79	.....	.....	.....	.....
Brooks	15,610	39	.....	.....	.....	.....
Hanna	42,573	80	.....	42,573	.....	42,573
Lacombe	17,138	39	17,138	17,138	.....	8,569
Trochu	21,305	63	.....	.....	.....	.....
Three Hills	44,610	81	44,610	.....	.....	44,610
Carbon	39,757	115	19,878	.....	19,878	9,939
Battle River	23,393	58	23,393	.....	.....	23,393
Camrose	76,038	102	.....	.....	.....	.....
Tofield	86,909	68	.....	.....	.....	.....
Clover Bar	435,284	606	.....	435,284	72,547	62,183
Edmonton	112,102	191	.....	112,102	56,051	37,367
Namoo	8,262	19	.....	.....	8,262	8,262
Cardiff	108,780	159	.....	.....	54,390	54,390
Wabamun	40,523	51	.....	.....	.....	.....
Pembina	112,718	132	56,359	56,359	112,718	22,543
Total	3,086,669	4,981	171,481	205,778	123,467	53,218

The following table shows the number of tons produced per accident:

• SUB-BITUMINOUS MINES.

Districts	Output	Average No. of men employed.	Number of tons produced per accident			
			Fatal	Serious	Slight	Total
Pincher Creek	10,850	21	.....	.....	.....	.....
High River	2,508	7	.....	.....	.....	.....
Calgary	217	4	.....	.....	.....	.....
Saunders	74,434	182	37,217	.....	37,217	18,608
Yellowhead	547,064	406	109,413	547,064	547,064	78,152
Total	635,073	620	90,725	635,073	211,691	57,734

The following table shows the number of tons produced per accident:

BITUMINOUS COAL MINES.

Districts	Output.	Average No. of men employ- ed.	Number of tons produced per accident			
			Fatal	Serious	Slight	Total
Crow's Nest Pass	1,026,581	1,322	342,192	85,548	1,026,581	64,161
Canmore	169,448	230	55,889	55,889	89,724	21,181
Brazeau	321,470	422				
Jasper Park	339,076	624	339,076	169,538	339,076	84,769
Mountain Park	357,698	436	119,232	71,539	119,232	32,518
Total	2,214,273	3,034	221,427	100,649	316,325	56,776

The following table shows the number of tons produced per accident:

ANTHRACITE COAL MINES.

Banff	40,417	112
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LIST OF ACCIDENTS WHICH HAVE OCCURRED IN THE DOMESTIC FIELD DURING 1922.

Date	Mine	Name	Age	Occupation	Details
Jan. 6	Dept. Natural Resources, C.P.R. Lethbridge	Paul Ruski	50	Cager	He was cleaning some coal off the cage floor at the shaft bottom when a piece of coal fell down the shaft, passing between the shaft wall and end of cage cover, striking him on the head, fracturing his skull. He died in the Galt Hospital from effects of injuries on January 17, 1922.
Jan. 7	North American Collieries Ltd. Evansburg	J. McGill	27	Switcher	He was switching one car from a trip of empties, having detached the car and blocked the trip, and was pushing the car when the block slipped allowing the trip of cars to run, jamming him between the car and trip. Right leg crushed and possible internal injuries.
Jan. 14	North American Collieries Ltd. Evansburg	A. House	19	Switcher	He was coupling a trip of loaded cars when a piece of coal dropped off the car onto his hand. Broken bone in right thumb.
Jan. 17	Mid-West Collieries Ltd.	J. McCubbrey	16	Cager's Helper	He was taking a car off the cage at the shaft bottom when he was struck on the head by something which fell down the shaft, causing a large wound and rendering him unconscious.
Jan. 23	Department Natural Resources, C.P.R. Lethbridge	T. Onofreychueck	28	Driver	He was bringing a trip of loaded cars out of 19 Butt, 6 face entry, N.W., riding between the cars, when the first car went off the track, crushing his right foot between the bumpers. Crushed foot.
Jan. 24	Humberstone Coal Co., Ltd.	Fred Miller	34	Miner	He was cutting a timber when the axe handle caught, causing the axe to strike his hand. Left hand cut.
Jan. 27	D. Falvo	F. Carrello	35	Miner	He was separating a piece of rock from the coal and struck the thumb of his left hand with the pick. Cut thumb.

LIST OF ACCIDENTS WHICH HAVE OCCURRED IN THE DOMESTIC FIELD DURING 1922.—Continued.

Date	Mine	Name	Age	Occupation	Details
Jan. 31	H. D. McLean	E. Ulmer	38	Miner	He was attempting to go down the slope ahead of a trip of empty cars and got caught by the cars near the foot of the slope, breaking his spine and injuring him internally, from the effects of which he died before being taken out of the mine.
Feb. 2	Humberstone Coal Co., Ltd.	C. Henzle	55	Miner	He was taking down rock from the roof of entry when his wrist was caught between falling rock and timber. Badly sprained wrist.
Feb. 3	North American Collieries Ltd. Monarch Mine, Nacmire	N. Orebec	32	Scraper	He was helping the machine man in No. 6 East entry crosscut, when coal and bone fell off the face, crushing him against a prop, causing internal injuries from the effects of which he died.
Feb. 8	Humberstone Coal Co., Ltd.	T. Patrick	34	Machine Helper	He was lifting the machine and wrenched his back. Sprained back.
Feb. 10	Humberstone Coal Co., Ltd.	W. A. Green	35	Haulage Man	He was attaching car to haulage rope when his foot slipped and his hand caught. Crushed finger.
Feb. 24	Smith, Krosby & Feduk	J. Bertazolli	31	Miner	He was setting timber at the face of a room when a fall of rock took place, striking him. Bruised hip.
Feb. 27	Rosedale Coal Co., Ltd.	M. Lammerth	29	Miner	He was drilling a shothole in the coal face when a piece of rock fell from the roof knocking him down. Fractured ankle, cut in crotch between legs, cut on scalp, back and shoulder bruised and sprained.
Feb. 28	Carbon Coal Co., Ltd.	E. Bolan	48	Miner	He was working at the face of No. 2 entry when a fall of rock took place from the roof, striking him on the head and shoulders, fracturing the frontal bone of his skull from the effects of which he died two hours later.

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LIST OF ACCIDENTS WHICH HAVE OCCURRED IN THE DOMESTIC FIELD DURING 1922.—Continued.

Date	Mine	Name	Age	Occupation	Details
Mar. 1	Department Natural Resources, C.P.R. Lethbridge	J. A. Chumik, ...	17	Coupler	He was working on the endless rope haulage and got his leg caught between two empty cars. Left leg bruised, one bone being broken.
Mar. 2	Department Natural Resources, C.P.R. Lethbridge	J. W. Wilson	33	Driver	He was bringing a trip of loaded cars out of 23 Butt entry when he fell off his seat and was caught under the first car. Broken collar bone and two ribs fractured.
Mar. 3	John Rollingson	G. T. Clifton ...	41	Miner	He was working in a stripping pit on the banks of the river, when, without warning, the side of cut caved in, burying him. Fractured skull, from the effects of which he died while being taken to the hospital.
Mar. 3	John Keehn	L. Anderson	36	Miner	He was mining coal when a fall of roof took place striking him on the foot, breaking a bone in same.
Mar. 6	Edmonton Collieries Ltd.	Jas. Lamb	44	Miner	He was taking shelter from a shot which was being fired when a piece of coal from the shot rebounded off a car, striking him. Two ribs broken and left thigh injured, back of hand bruised.
Mar. 10	Department Natural Resources, C.P.R. Lethbridge	A. Slovinski	49	Loader	He was taking down draw slate when some top slate fell, striking him on the back. Bruised back and fractured hip.
April 11	Humberstone Coal Co., Ltd.	A. J. Sanderson .	45	Haulage man	He was attaching car to haulage rope and held the grip too low, allowing it to catch the ties, causing it to spring back, striking his hand. Finger broken and crushed.
April 12	Humberstone Coal Co., Ltd.	N. Demchuk	27	Miner	He was working at the face of entry when the top bench of coal fell and rolled onto his foot. Foot bruised and sprained.

LIST OF ACCIDENTS WHICH HAVE OCCURRED IN THE DOMESTIC FIELD DURING 1922.—Continued.

Date	Mine	Name	Age	Occupation	Details
April 14	Regal Collieries.....	R. Martin	39	Overman	The mine was not producing coal, a few men being employed on repair work. Martin was acting as cager and had put a car, loaded with rock, onto the cage and signalled the engineer to hoist. The cage was lifted from the bottom and Martin apparently attempted to cross under the ascending cage, which dropped back, crushing him. Death was instantaneous. There were not any witnesses to the accident.
May 1	Humberstone Coal Co., Ltd.	V. Wright	27	Haulage man ...	He was coupling cars to endless rope and was overcome by gas coming from abandoned workings.
June 19	Ideal Coal Co., Ltd.	G. Servan	42	Miner	He had ignited the fuse for a shot and was retreating to safety when the shot exploded and he was struck by flying coal. Cuts on right and left elbows, bruised on chest.
June 23	City of Lethbridge	J. Kosko	64	Miner	He had fired a shot at the face of an entry and was taking shelter when a piece of coal was thrown from the shot and, striking against the corner of the pillar, rebounded and struck him on the back of his head.
June 26	North American Collieries, Ltd. Evansburg	E. Keen	28	Motorman	They had gone to the face of main entry No. 1
		L. Greaves	18	Switchman	N. W. district, to pump water with a hand-pump, when an explosion of gas took place, killing both men instantly.
June 29	Shannon & Hedberg	T. Gorek	29	Miner	He was taking down some rock preparing to put up a post when a large piece of rock fell from the roof, striking him on the head and body, causing instant death.

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LIST OF ACCIDENTS WHICH HAVE OCCURRED IN THE DOMESTIC FIELD DURING 1922.—Continued.

Date	Mine	Name	Age	Occupation	Details
June 30	E. N. Whitehorn	L. Dickey	28	Miner	He was engaged sinking a prospect shaft, which was 46 ft. deep, the upper 24 ft. being timbered. The timber suddenly dropped, carrying with it earth and rock, which fell onto Dickey, who was in the bottom of the shaft, crushing him and killing him instantly.
Aug. 17	North American Collieries Ltd. Evansburg	G. Race	30	Loader	While standing in a manhole waiting for a trip to pass, the motor struck a loose tie lying alongside the track and drove it into the manhole where it caught his foot between the tie and post. Small bone broken in right foot.
Aug. 18	City of Lethbridge	F. Huesecke	52	Miner	He had loaded his car a little too high and in taking the car from the room the coal caught against the roof, pinching his finger.
Aug. 24	Regal Collieries Ltd.	G. M. Layton ...	18	Pusher	He was holding back a full car when he slipped, and to save himself he put down his right hand, the shock breaking a small bone in his wrist.
Sept. 5	City of Lethbridge	D. Aitken	23	Driver	He was putting a derailed car on the track and slipped, straining his back.
Sept. 6	Cardiff Collieries Ltd.	R. Gibeau	22	Driver	While hauling a loaded mine car he endeavored to sprag same, but missed, being caught between the car and side of entry. Cut over skull.
Sept. 15	Department Natural Resources, C.P.R. Lethbridge	M. Olshaski	32	Cager's Helper ..	He was assisting cager in regulating the hoisting of men, a cage load having been sent up the shaft when for some reason he attempted to cross the cage seat below the descending cage, which crushed him, causing instant death.

LIST OF ACCIDENTS WHICH HAVE OCCURRED IN THE DOMESTIC FIELD DURING 1922.—Continued.

Date	Mine	Name	Age	Occupation	Details
Sept. 21	Gibson Collieries Ltd.	N. Gale	43	Miner	He had fired a shot in the centre of his place and was in the act of loading out the second car when a fall of rock took place, knocking him down and striking his head on the car bumper, breaking his neck, from the effects of which he died before being taken out of the mine.
Sept. 22	Richard Ruscoe	M. Johnson	30	Miner	He was loading coal after having fired a shot, when a piece of rock fell from the roof, striking him on the left leg, breaking a small bone in same and causing him to slip and his legs to spread, causing a split in the crotch.
Sept. 23	Great West Coal Co., Ltd. Aerial	G. Babuin	35	Miner	He had gone to work in No. 10 room in which the ventilation was slack, after having been instructed to work in another room. Shots were fired on the intake air side of No. 10 and he worked in the smoke until overcome by powder fumes. He was found after having been in the room for one hour and brought to the surface, when he recovered.
Sept. 27	Palisade Coal Co., Ltd.	S. McVicar	42	President and Manager	A fire had started under the tippie and he had gone onto the floor of tippie to pour water down onto the fire when the floor collapsed carrying him with it, dropping a distance of 35 feet. Spine fractured, from the effects of which he died six hours later.
Sept. 27	West Carbon Coal Co., Ltd.	J. Prough	34	Miner	He had ignited the fuse for a shot at the face of a room and, along with other miners from adjoining room, had waited until the shots had exploded. Thinking the shot in his room had exploded he started back into the room when the shot exploded and he was struck by flying coal. Slight scalp wound and bruised on left hand.

LIST OF ACCIDENTS WHICH HAVE OCCURRED IN THE DOMESTIC FIELD DURING 1922.—Continued.

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Date	Mine	Name	Age	Occupation	Details
Sept. 28	Rosedale Coal Co., Ltd.	E. Lewis	31	Miner	He was engaged making a cartridge of loose black powder when his lamp fell off his head, igniting the powder, burning him about the face and neck.
Oct. 11	Atlas Coal Co., Ltd.	F. Smith	29	Miner	He was working in pillar workings off 1st Butt, No. 4, west entry, and had apparently been setting timber, when a large piece of rock fell from the roof on top of him, breaking his neck, killing him instantly.
Oct. 17	Cardiff Collieries Ltd.	J. Smilek	36	Driver	He was driving a horse, hauling a loaded car and on coming to the siding neglected to uncouple the chain from the car and the horse, turning, caught his leg, breaking a small bone in the right leg and dislocating the right ankle.
Oct. 17	North American Collieries Ltd. Nacmine	S. Kusenkow	30	Miner	A raise was being put up from No. 5 to No. 2 seam, four shots had been tamped, and he had been stationed to prevent anyone entering the place where the shots were being fired. After firing two shots, the shotlighter was entering the raise to connect up the remaining shots when he found Kusenkow at the bottom of same with cuts about the head and arms.
Oct. 23	Penn Mine Coal Co., Ltd.	P. Busanius	32	Machineman's Helper	He was cleaning rock from the track when the machineman started the electrically operated coal-cutting machine, causing him to slip and his hand to come in contact with the driving chain on the machine, dragging it into the sprocket wheel. Badly lacerated finger right hand.

LIST OF ACCIDENTS WHICH HAVE OCCURRED IN THE DOMESTIC FIELD DURING 1922.—Continued.

Date	Mine	Name-	Age	Occupation	Details
Oct. 24	Western Commercial Co., Ltd.	A. Bartolucci	22	Miner	He had fired a shot at the face of No. 2, south entry, and hearing a shot explode and thinking it was his shot, had returned to the face when the shot exploded and he was struck by flying coal. Broken nose, cuts and bruises on face with heavy cuts above the eyes.
Oct. 29	Mrs. E. Kelly	J. Berg	47	Engineer	He was clearing the boiler tubes and had propped up the flue door when in some manner the prop was displaced and the door dropped, striking him on the head, causing a scalp wound which required three stitches.
Nov. 3	Department Natural Resources, C.P.R. Lethbridge	Thos. Hackman	32	Driver	He had taken a trip of two empty cars off the rope at the junction and had gone about 1,000 ft. along the entry, riding inside the first car. There were no witnesses who saw the accident, but it would appear that he had lost control of the horse, which was travelling at a high rate of speed. At point where accident occurred the switch was set for the slant, but the horse took the straight road, derailling the cars and knocking out timbers, causing a fall of rock which struck Hackman on the head, fracturing his skull, causing instant death.
Nov. 24	Rosedale Coal Co., Ltd.	H. Short	37	Cager's Helper	He attempted to cross the shaft cage seat while the cage was in motion and the cage came down, striking him on the leg, breaking the thigh bone.
Dec. 13	Rose-Deer Coal Mining Co., Ltd.	J. Blair	39	Miner	He was working in 27 A room, off 5 north entry, when a slip in the roof liberated a large slab of rock, knocking out a set of timber, which fell on him. Broken neck, spine and leg, also crushed skull, death being instantaneous.

LIST OF ACCIDENTS WHICH HAVE OCCURRED IN THE DOMESTIC FIELD DURING 1922—Continued.

Date	Mine	Name	Age	Occupation	Details
Dec. 18	Gibson Collieries Ltd.	W. McKinnie ... H. Rees J. B. Scott H. L. Jones	36 44 26 26	Miner Miner Machineman Wash-house man	Rees and McKinnie had gone to the powder magazine on the surface near the mine, when an explosion occurred, which killed them and injured Scott and Jones who were in the wash-house, which was located 300 feet from the magazine. Scott receiving a slight bruise above the left eye and Jones a bruise on the side of his face. It is presumed that Rees and McKinnie took open lights into the magazine, which in some manner ignited the powder. He was working in No. 7 Butt entry, right, and went into the face of No. 8 Butt entry with an open light on his head and ignited some gas, which burned him about the face and hands. He was working in No. 16 Room and had been trying to take down a piece of roof rock but could not get it down, he then went under the rock to get coal to finish loading a car, when a piece of rock, weighing 200 pounds, fell, striking him on the back and shoulders, causing dislocation of the fifth dorsal vertebra.
Dec. 24	Lethbridge Coal Co., Ltd.	Hugh Evans	39	Tracklayer	
Dec. 28	Newcastle Coal Co., Ltd.	A. Obek	43	Loader	

LIST OF ACCIDENTS WHICH HAVE OCCURRED IN THE SUB-BITUMINOUS FIELD IN 1922.

Date	Mine	Name	Age	Occupation	Details
Jan. 11	Saunders-Alberta Collieries Ltd.	J. Casey	39	Miner	He was working at the face of the 2nd left entry, when a piece of rock dropped out of a pot-hole in the roof, knocking him against a car, bruising his right arm and back and cutting his thigh. Septic poisoning set in from the effects of which he died on Feb. 23, 1922.
Mar. 3	Stupor, Oakley & Co.	P. Petrovich	38	Miner	He was mining coal in No. 5 room when a fall of roof coal took place, striking him. Left leg broken and injuries to chest wall, from the effects of which he died in the hospital at Edmonton on May 21st, 1922.
Mar. 24	Sterling Collieries Ltd.	K. Dombroski	24	Driller	A shot had been fired at the face of the stripping pit in the coal which was 50 ft. high. The drillers had not returned and the foreman noticed that the coal was commencing to slide, he warned the men to keep back. After the slide occurred he called the drillers and found that Dombroski was missing, and on search being made, he was found under the coal. He was at once dug out, but was found to be dead. He had just finished loading a car when a piece of coal came down the chute, striking him on the head. Cut on side of head.
May 2	Balkan Coal Co., Ltd.	M. Samardzicage	32	Chute Loader	He had fired a shot which failed to explode, and whilst digging with a pick struck the powder which exploded, causing injuries to eyes and right hand and right forearm burned.
May 6	Stupor, Oakley & Co.	M. Turvich	38	Miner	

LIST OF ACCIDENTS WHICH HAVE OCCURRED IN THE SUB-BITUMINOUS FIELD IN 1922.—Continued.

Date	Mine	Name	Age	Occupation	Details
Aug. 19	Alexo Coal Co., Ltd.	N Koppala	35	Miner	He had finished cleaning up the cap rock off the coal bench and had gone on top of the bench to scrape out some loose rock from the back of the cut when a piece of rock dropped out of a pot-hole in the roof, striking him on the back, causing internal injuries from which he died fifteen minutes later.
Nov. 11	Harlech Coal Co., Ltd.	E. Young	39	Miner	He was working at the face of No. 4 room, No. 2 slope, when a piece of rock dropped from the roof, striking him on the back, arm and leg. Sprained back, bruised on right arm and leg.
Nov. 15	Harlech Coal Co., Ltd.	J. Serin	30	Miner	He was loading a car in the cross-cut off No. 4 slope, when a large piece of coal slipped on the pitch, knocking out a post which allowed a piece of rock to fall from the roof, striking him on the face and leg. Slight abrasion of left leg and right cheek.
Nov. 27	Yellowhead Coal Company	E. Ivor Roberts William Shaw Hiram Davis	33 52 35	Mine Manager District Inspector of Mines Miner	There was a fire in No. 3 seam and they had gone in to investigate before the shift of workmen started work fighting the fire. As they did not return, search was made and they were found unconscious, having been overcome by Carbon Monoxide, from the effects of which they did not recover.

LIST OF ACCIDENTS WHICH HAVE OCCURRED IN THE BITUMINOUS FIELD IN 1922.

Date	Mine	Name	Age	Occupation	Details
Jan. 7	Mountain Park Coal Co., Ltd.	W. Coe	19	Rope-rider	He was rope-riding on new No. 3 East slope and was pulling a car from a place 100 ft. from the top of slope when the car became derailed, crushing him between car and timbers. Crushed across abdomen causing peritonitis.
Jan. 26	Canmore Coal Co., Ltd.	W. Jack	33	Laborer	He was under a railway car repairing same when the car was bumped ahead by the yard engine, catching his foot under the car wheels, crushing it so that a portion of the foot had to be amputated.
Feb. 16	Canmore Coal Co., Ltd.	A. Homniuk	36	Miner	He was working at the face of 42 crosscut, 5 jig Stewart seam, when a piece of cap rock fell on him, knocking him down. Hip joint dislocated, bruised leg and back.
Mar. 1	Mountain Park Coal Co., Ltd.	F. Mazur	28	Miner	He and his partner had drilled two holes in the coal face, and the shot-firer, after examining same, had them loaded and prepared to couple the cable to the detonator wires, telling the miner to complete same while he was unrolling his cable and stretching it out to the nearest crosscut; when he arrived at the crosscut he saw two lamps coming to the crosscut and thinking the two miners were there, asked if they were all right and got a reply that they were, so fired. Mazur, however, had not got far enough away and was struck by flying coal, receiving slight cuts on the left side of his face.
Mar. 8	Mountain Park Coal Co., Ltd.	R. W. Campbell	26	Machinist's Helper	He was attending a small electric pump, used for fire fighting, when his foot slipped and his clothing got caught in the gearing, pulling his leg up to the gearing. Cuts on left leg from knee to foot, also loss of big toe.

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LIST OF ACCIDENTS WHICH HAVE OCCURRED IN THE BITUMINOUS FIELD IN 1922.—Continued.

Date	Mine	Name	Age	Occupation	Details
Mar. 10	McGillivray Creek Coal & Coke Co., Ltd. ...	J. A. McIntyre	20	Driver	He was hauling out loaded cars and allowed a car to run over his right foot. Foot severely injured, necessitating amputation of part of foot, including three lesser toes.
Mar. 30	McGillivray Creek Coal & Coke Co., Ltd.	F. Sandal	25	Driver	He was on the main entry near 152 chute when a piece of coal dropped off the high side rib, striking him on the left leg. Small bone broken.
July 12	Luscar Collieries Ltd.	A. Morino	28	Miner	He was working in the entry pillar, between 9 and 9½ rooms when a cave took place, filling the entry with fine coal and rock, burying him and his partner. The partner was rescued 4 hours later and unhurt. Morino's body was recovered 18 hours later, having been smothered by fine coal.
Aug. 10	Luscar Collieries Ltd.	N. Staryk	27	Driver	He was driving a horse, which stumbled, causing him to fall off the car. He was crushed between the car and timbers, bruising his right side and left thigh.
Aug. 27	Blue Diamond Coal Co., Ltd.	G. Spitzer	25	Teamster	He was driving a team from the timber yard when the horses bolted, throwing him out of the wagon, his head striking a rail on the railroad. Fractured skull, broken nose and fractured jaw.
Aug. 30	West Canadian Collieries Ltd. Greenhill Mine	F. Allott	44	Miner	He was engaged in timbering a crosscut which had been driven through from No. 2 to No. 4, back angle, when a large piece of coal fell from the roof, breaking the timber which had been placed and falling onto his back, causing injuries to face, back and chest, from which he died shortly after.

LIST OF ACCIDENTS WHICH HAVE OCCURRED IN THE BITUMINOUS FIELD IN 1922.—Continued.

Date	Mine	Name	Age	Occupation	Details
Sept. 5	International Coal & Coke Co., Ltd.	J. Ondrus	40	Miner	He was working in No. 518 room when a piece of rock fell from the roof, striking him on the head, causing fracture of the base of the skull, from the effects of which he died eight hours later.
Sept. 6	Hillcrest Collieries Ltd.	J. Lean	37	Driver	He was driving a horse, hauling loaded cars and neglected to use sprags; the cars travelled too fast, jamming. Lean against a trap door. Left leg broken below the knee.
Sept. 13	West Canadian Collieries Ltd. Bellevue	J. Allsop, Jr.	20	Motorman	He had placed a block on the rail to stop a trip of loaded cars; the cars jumped over the block and caught his arm. Left forearm broken, muscles and tendons badly lacerated.
Sept. 15	Canmore Coal Co., Ltd.	L. Grassi	32	Miner	He was acting as roperider and was taking a trip of cars up the No. 5 slope, Carey seam, when the rope caught under a piece of plank, raising same, catching his hand between the plank and end of car. Badly lacerated hand.
Sept. 16	McGillivray Creek Coal & Coke Co., Ltd.	M. Pardell	39	Motorman	He had stepped off the storage battery locomotive to throw sand on the rail, his right hand being caught between the wheel and rail, cutting off part of the first, second and third fingers.
Sept. 29	Mountain Park Coal Co., Ltd.	A. Arnold	23	Chute-Loader	He was working a "C" level West switch off No. 3 slope, replacing cars, on the track, which had knocked out some timber, when a large piece of rock fell from the roof, striking him on the left foot. Badly crushed foot which had to be amputated.
Sept. 29	Mountain Park Coal Co., Ltd.	P. B. Anderson	28	Examiner	He was working at "C" level, West switch, off No. 3 slope, replacing cars, on the track, which had knocked out some timber, when a piece of rock fell from the roof without any warning, onto him, causing instantaneous death.

LIST OF ACCIDENTS WHICH HAVE OCCURRED IN THE BITUMINOUS FIELD IN 1922.—Continued.

Date	Mine	Name	Age	Occupation	Details
Oct. 7	Luscar Collieries, Ltd.	T. Gyrylewich	38	Miner	He was working at the face of No. 25 raise, off West entry, when some loose coal dropped from the face and in trying to avoid same he slipped down the chute, his leg being caught by a plank causing him to overbalance and breaking the tibia in his left leg.
Oct. 9	Canmore Coal Co., Ltd.	T. Managlia	34	Miner	He was climbing the ladder in 17 Angle, off 5 gangway, Stewart seam, when a piece of coal dropped onto his finger. Bad laceration of finger and bone broken.
Oct. 10	Mountain Park Coal Co., Ltd.	H. Kardynal	30	Rope-rider's Helper	He was riding on a trip of empty timber cars up No. 3 slope, and on coming to the surface he stepped off the car while they were in motion and his glove caught on the car irons, causing him to stumble and fall with his left arm across the rail in front of the car, the wheels of which passed over his arm near the shoulder, breaking the bone and severing the muscle.
Oct. 11	Blue Diamond Coal Co., Ltd.	J. Spencer	40	Miner	He was working in No. 38 pillar 3, South, when a heavy fall of roof rock occurred, a large piece of rock falling on him, breaking his neck, causing instant death.
Oct. 11	Blue Diamond Coal Co., Ltd.	M. Spencer W. Simpson	36 34	Miner Miner	They were working with J. Spencer in No. 38 pillar, when the fall of rock took place and M. Spencer was caught by the falling rock, receiving a fractured skull, Simpson being struck by falling timber.
Oct. 19	International Coal & Coke Co., Ltd.	M. Mizra	35	Miner	He was leaving his working place to proceed to main entry and slipped on a piece of sheet iron, straining the centre of his back, causing Hernia, necessitating an operation.

THE MINES BRANCH

LIST OF ACCIDENTS WHICH HAVE OCCURRED IN THE BITUMINOUS FIELD IN 1922.—Continued.

Date	Mine	Name	Age	Occupation	Details
Oct. 31	West Canadian Collieries Ltd. Bellevue	A. May	37	Power House Engineer	He was on a ladder in the power house when he slipped and fell onto the floor. Fractured left wrist, also spraining same.
Nov. 1	Canmore Coal Co., Ltd.	Y. Koon	45	Laborer	He was in the act of lifting a lever to move a chute when the lever slipped and struck him on the nose. Badly lacerated nose.
Nov. 20	Hillcrest Collieries Ltd.	R. Smith	22	Chute Loader	He was loading cars on the new Diagonal slope and got his leg caught between cars. Left leg broken below the knee.
Nov. 27	Canmore Coal Co., Ltd.	M. Riva	37	Miner	He was returning to his working place along with the examiner, C. Briggs, after having fired a shot, when the corner of the pillar slipped off, knocking Riva down and covering him up, also catching Briggs, who got out safely. Riva was suffocated before he could be taken out.
Nov. 28	Luscar Collieries Ltd.	W. Hughes	44	Miner	He was climbing a ladder getting onto a staging when his foot slipped and he fell, his body, striking a block of wood, breaking two ribs.
Nov. 30	International Coal & Coke Co, Ltd.	W. Machin	29	Power House Engineer	A fire occurred in the power house about 6 a.m. He was engineer in charge at the time and was seen to leave the building by the West end door and enter the building again by the South door. This was the last seen of him and the only trace found after the fire was a piece of vertebrae and a piece of bone that was pronounced part of a human hip. The power house was completely destroyed.

LIST OF ACCIDENTS WHICH HAVE OCCURRED IN THE BITUMINOUS FIELD IN 1922.—Continued.

Date	Mine	Name	Age	Occupation	Details
Dec. 1	West Canadian Collieries Ltd Greenhill	J. Patterson A. Costanga D. Peresin E. Semenzen	36 29 41 29	Examiner Miner Miner Miner	He had fired the first of four shots in the face of No. 3 Gangway and on returning to connect the second shot, found that the first shot had exposed the powder in the second shot hole. Costanga, Peresin and Semenzen had returned with him and were assisting in looking for and gathering up the loose powder. Patterson had taken out one stick, also had taken out the wires connected to the detonator and had turned and was looking around for the rest of the powder when Costanga started using a pick in the coal near the shot hole and must have struck the detonator which exploded the powder left in the hole. Costanga received severe injuries to eyes and face. Patterson injuries to eyes and ears. Peresin and Semenzen injuries to eyes.
Dec. 8	Canmore Coal Co. Ltd.	N. Kryskov	32	Driver	He was driving a horse hauling four loaded cars, on No. 6 gangway, Carey seam, riding on the bumper of the first on the rib side, and leaning too far back, was caught between the rib and side of car. He received injuries to the spine causing partial paralysis which developed into bronchial pneumonia from which he died in the Holy Cross Hospital, Calgary, December 15, 1922.

LIST OF ACCIDENTS WHICH HAVE OCCURRED IN THE BITUMINOUS FIELD IN 1922.—Continued.

Date	Mine	Name	Age	Occupation	Details
Dec. 8	Canmore Coal Co. Ltd.	T. J. Humphrey..	41	Miner	He was engaged putting lagging over a set of timber at the face of No. 4 gangway, Stewart seam, when a fall of coal took place from the roof, which displaced three sets near the face, knocking him down, burying and suffocating him. Fatal.
Dec. 19	Mountain Park Coal Co. Ltd.	G. Gillies.....	28	Chute Loader ...	He was working at the face of No. 3 East main slope, assisting to re-rail a loaded car which was being hoisted by the slope hoist when the car swung around striking him over the heart. There was no abrasion of the skin nor bones broken but he died, whilst being taken to the hospital, from internal hemorrhage.
Dec. 26	International Coal & Coke Co. I. td.	J. A. Cole	43	Machinist	He was working in the power house repairing compressor, when he slipped and fell, striking his hip on the air cooler which was alongside. Fractured pelvis.

FATAL ACCIDENTS

The fatal accident which occurred to Paul Ruski on January 6, in the No. 6 Mine, operated by the Canadian Pacific Railway, Department of Natural Resources, near Lethbridge, was caused through his being struck by a piece of coal which fell down the shaft. He was engaged in cleaning some coal off the floor of the cage at the shaft bottom when a piece of coal fell down the shaft, and passing between the shaft wall and end of the cage cover struck him on the head, fracturing his skull, from the effects of which he died in the Galt Hospital on January 17, 1922.

The fatal accident which occurred to James Casey on January 11, in the mine operated by Saunders-Alberta Collieries, Limited, near Saunders, was caused through his being struck by a piece of rock which dropped out of the roof. He was working at the face of the second left entry when a piece of rock dropped out of a pothole in the roof, knocking him against a car, bruising his right arm and back; also lacerating his thigh. Septic poisoning set in, from the effects of which he died in the Hospital, at Nordegg, on February 23, 1922.

The fatal accident which occurred to Emanuel Ulmer on January 31, in the mine operated by H. D. McLean, near Castor, was caused by his being struck by a trip of empty cars on the slope. He had been to the surface and attempted to go down the slope ahead of a trip of empty cars, which caught when he was near the foot of the slope, crushing him, and causing injuries, from which he died before being brought to the surface.

The fatal accident which occurred to Nick Orebec on February 3, in the Monarch Mine, operated by the North American Collieries Limited, near Drumheller, was caused through a fall of coal. He was helping the machine man in cutting the east entry crosscut when a large piece of coal and bone fell off the face of the crosscut, crushing him against a prop, causing internal injuries, from the effects of which he died.

The fatal accident which occurred to Edward Bolam, on February 28, in the mine operated by the Carbon Coal Company, Ltd., near Carbon, was caused by a fall of rock. He was working at the face of No. 2 entry when a fall of rock took place from the roof, striking him on the head and shoulders and burying him, fracturing the frontal bone of his skull, from the effects of which he died two hours after being taken out.

The fatal accident which occurred to George T. Clifton, on March 3, at the mine operated by John Rollingson, near Magrath, was caused through a fall of rock. He was working in the stripping pit, on the banks of St. Mary's River, when, without any warning, the side of the cutbank caved in, burying him, fracturing his skull, from the effects of which he died while being conveyed to the hospital.

The fatal accident which occurred to P. Petrovich, on March 3, in the mine operated by Stupor, Oakley & Company, near Blackstone Mines Post Office, was caused through a fall of coal. He was mining coal in No. 5 room when a fall of roof coal took place, striking him on the chest and left leg, breaking his leg and injuring the chest wall from the effects of which he died in the Royal Alexandra Hospital, Edmonton, on May 21, 1922.

The fatal accident which occurred to K. Dombroski, on March 24, at the mine operated by Sterling Collieries, Limited, Sterco, was caused through a fall of coal in the stripping pit. A shot had been fired in the coal at the face of the stripping pit, which was 50 feet high. The foreman whilst examining the place noticed that the coal was commencing to slide; he warned the men to keep back; after the slide occurred, he called the drillers and found that Dombroski was missing. On search being made he was found under the coal, and on being taken out was found to be dead.

The fatal accident which occurred to Richard Martin, on April 14, in the mine operated by the Regal Collieries, near Taber, was caused through his being crushed by the cage. He was overman, and, at the time, was acting as cager and had put a car loaded with rock onto the cage and signalled the engineer to hoist. The cage was lifted from the bottom, and he, apparently, attempted to cross under the ascending cage, which dropped back, crushing him, death being instantaneous.

The fatal accidents which occurred to Emile Keen, motorman, and Leslie Greaves, switchman, on June 26, in the Pembina mine, operated by the North American Collieries, Limited, Evansburg, was caused through an ignition of gas. They had gone to the face of the main entry in the No. 1 north-west district, taking a hand pump, on a trolley car hauled by a storage battery locomotive, for the purpose of pumping water from the face of the entry. An ignition of gas took place, which caused an explosion, killing both men instantly. The cause of the ignition was not ascertained.

The fatal accident which occurred to Tom Gorek on June 29, in the mine operated by Shannon & Hedburg, near Carbon, was caused through a fall of rock. He was taking down some rock, preparing to put up timber when a large piece of rock fell from the roof, striking him on the head and body, causing instant death.

The fatal accident which occurred to R. Lee Dickey, on June 30, in a prospect shaft which was being sunk for E. N. Whitehorn, near Donalds, was caused through a collapse of the sides of the shaft. He was engaged in sinking a prospect shaft which had been sunk 46 feet, the upper 24 feet only being timbered. The timber suddenly dropped, carrying with it earth and rock, which fell onto him, crushing and killing him instantly.

The fatal accident which occurred to Alfred Morino, on July 12, in the mine operated by the Luscar Collieries, Limited, at Luscar, was caused through a fall of coal. He was engaged in taking out the entry pillar between 9 and 9½ rooms, when a cave took place, filling the entry with fine coal and rock, burying him and his partner. The partner was rescued unhurt four hours later, Morino being dead when recovered eighteen hours later, having been smothered by fine coal.

The fatal accident which occurred to Nick Koppala, on August 19, in the mine operated by the Alexo Coal Company, Limited, near Saunders, was caused through a fall of rock. He had finished cleaning up the cap rock from off the top of the coal bench and had gone on top of the bench to scrape out some loose rock at the back of the cut when a piece of rock dropped out of a pothole in the roof, striking

him on the back, causing internal injuries, from the effects of which he died 15 minutes after being struck.

The fatal accident which occurred to Fred Allott, on August 30, in the Greenhill mine, operated by the West Canadian Collieries, Limited, at Blairmore, was caused through a fall of coal. He was timbering a crosscut which had been driven through from No. 2 to No. 4 back angle, when a large piece of coal fell from the roof, breaking the timber which had been placed and striking him on the back, causing injuries to face, back and chest, from the effects of which he died shortly after being struck.

The fatal accident which occurred to John Ondrus, on September 5, in the mine operated by the International Coal & Coke Company, Limited, at Coleman, was caused through a fall of rock. He was working in No. 518 room, when a piece of rock fell from the roof, striking him on the head, causing a fracture at the base of the skull, from the effects of which he died eight hours later.

The fatal accident which occurred to Mike Olshaski, on September 15, in the No. 6 mine, operated by the Canadian Pacific Railway, Department of Natural Resources, near Lethbridge, was caused through his being crushed by a descending cage. He was assisting the cager in regulating the hoisting of men, a cage-load of men having been sent up the shaft, when, for some reason, he attempted to cross through the cage seat below the descending cage, which struck and crushed him, causing instant death.

The fatal accident which occurred to Nicolas Gale on September 15, in the mine operated by the Gibson Collieries, Limited, near Drumheller, was caused through a fall of rock. He had fired a shot in the coal in the center of his place, and was in the act of loading a second car when a fall of rock took place, which struck him, knocking him down, his head striking the car bumper, breaking his neck, from the effects of which he died before being taken out of the mine.

The fatal accident which occurred to Samuel McVicar on September 27, at the mine operated by the Palisade Coal Company, Limited, near Three Hills, was caused by his falling from the tippie to the ground. A fire had started under the tippie, and he was standing on the tippie floor, engaged in pouring water down onto the fire, when the floor collapsed, carrying him with it. He fell a distance of 35 feet, fracturing his spine, from the effects of which he died six hours later.

The fatal accident which occurred to P. B. Anderson, on September 29, in the mine operated by the Mountain Park Coal Company, Limited, at Mountain Park, was caused through a fall of rock. The trip of cars had broken loose on the slope and run back, being derailed on C. Level west switch, off No. 3 slope, knocking out some timber. He was working, replacing cars on the track, when, without any warning, a large piece of rock fell from the roof, dropping on to him and causing instant death.

The fatal accident which occurred to James Spencer, on October 11, in the mine operated by the Blue Diamond Coal Company, Limited, near Brule, was caused through a fall of rock. He was working in No. 38 pillar of No. 1 south section, when a heavy fall of

roof rock occurred, a large piece of rock falling on him, breaking his neck and causing instant death.

The fatal accident which occurred to Fred Smith, on October 11, in the mine operated by the Atlas Coal Company, Limited, near Drumheller, was caused through a fall of rock. He was working in pillar workings in the first butt off No. 4, west entry, and apparently was setting timber when a large piece of rock fell from the roof on top of him, breaking his neck, death being instantaneous.

The fatal accident which occurred to Thomas Hackman, on November 3, in the No. 6 mine, operated by the Canadian Pacific Railway, Dept. of Natural Resources, near Lethbridge, was caused by a fall of rock. He had taken a trip of cars off the rope at the junction, then had gone about 1,000 feet along the entry, riding inside the first car. It would appear that he had lost control of his horse, which was travelling at a high rate of speed. At the point where the accident occurred, a switch was set for a slant, but the horse took the straight road, derailing the cars and knocking out timbers, causing a fall of rock, which struck Hackman, crushing his head between the rock and the side of the car, fracturing his skull, causing instant death.

The fatal accidents which occurred to E. Ivor Roberts, Mine Manager, William Shaw, District Inspector of Mines, and Hiram Davis, Miner, on November 27, in the mine operated by the Yellowhead Coal Company, at Coalspur, was caused through their being asphyxiated by carbon monoxide from a mine fire. There was a fire burning in No. 3 seam, and they had gone in to investigate conditions before a shift of workmen started work fighting the fire. As they did not return after having been inside one hour, a search was made, and they were found unconscious, having been overcome by carbon monoxide, from the effects of which they did not recover, although artificial respiration was applied for several hours.

The fatal accident which occurred to Mike Riva, on November 27, in the mine operated by the Canmore Coal Company, Limited, Canmore, was caused through a fall of coal. He was returning to his working place along with the Examiner, after having fired a shot, when the corner of the pillar slipped off, knocking them both down and covering them up. The Examiner was able to free himself and get out without injury, but Riva was buried with coal and was suffocated before he could be taken out.

The fatal accident which occurred to William Machin, on November 30, at the mine operated by the International Coal & Coke Company, Limited, at Coleman, was caused through a fire in the Power House. A fire occurred in the Power House, and Machin was seen to leave the building to go to the time office; he returned, and was seen entering the Power House, which was then in a mass of flames, and proceed toward the compressor. He was not seen after this, the only trace found after the fire being a piece of vertebra and piece of bone that was thought to be part of a human hip bone.

The fatal accident which occurred to Nick Kryskov, on December 8, in the mine operated by the Canmore Coal Company, Limited, at Canmore, was caused through his being crushed between the side of entry and mine cars. He was driving a horse hauling four loaded cars on No. 6 entry, Carey seam, standing on the bumper of the first

car on the side next to the rib, and must have been in the act of uncoupling the horse; his hip projecting beyond the side of the car was caught by the entry side, and he was thrown off between the cars and side of the entry, being crushed, dislocating the spinal column between the sixth and seventh cervical vertebrae, from the effects of which he died on December 15, in the Holy Cross Hospital, Calgary.

The fatal accident occurred to Thomas John Humphrey on December 8, in the mine operated by the Canmore Coal Company, Limited, at Canmore, was caused by a fall of coal. He had fired some shots at the face of No. 4 gangway, Stewart seam, and was engaged in putting lagging over the last set of timber when a fall of roof coal occurred, which displaced the last three sets of timber, knocking him down, burying and suffocating him. He was dead when taken from under the coal.

The fatal accident which occurred to John Blair, on December 13, in the mine operated by the Rose-Deer Coal Mining Company, Limited, near Wayne, was caused through a fall of rock. He was working at the face of No. 27 room off No. 5 north entry, when a slip in the roof liberated a large slab of rock, knocking out a set of timber, which fell on him, breaking his neck, spine, and leg, also crushing his skull, death being instantaneous.

The fatal accident which occurred to William McKinnie and Henry Rees, on December 18, at the mine operated by the Gibson Collieries, Limited, near Drumheller, was caused through an explosion of powder in the magazine. They had gone to the magazine on the surface when an explosion occurred, which destroyed the magazine and killed both men. It is presumed that they took open lights into the magazine.

The fatal accident which occurred to G. Gillies, on December 19, in the mine operated by the Mountain Park Coal Company, Limited, at Mountain Park, was caused through his being struck by a derailed car. He was working at the face of No. 3 east main slope, assisting in replacing a derailed car, which was attached to the slope hoist, when the car swung around, the corner struck him on the chest over the heart, causing internal hemorrhage, from the effects of which he died while being taken to the hospital at the mine.

Table showing Accidents as they occurred by months during the Year 1922.

Months	Above Ground				Below Ground				Total Above and below Ground
	Fatal	Serious	Slight	Total	Fatal	Serious	Slight	Total	
January .....	...	1	...	1	3	4	3	10	11
February .....	...	...	...	...	2	2	4	8	8
March	2	1	...	3	1	7	1	9	12
April .....	...	...	...	...	1	1	1	3	3
May .....	...	...	...	...	...	1	2	3	3
June .....	...	...	...	...	4	...	2	6	6
July .....	...	...	...	...	1	...	...	1	1
August .....	...	1	...	1	2	...	5	7	8
September	1	...	...	1	4	6	4	14	15
October .....	...	2	1	3	2	3	6	11	14
November	1	...	1	2	5	2	3	10	12
December	2	1	2	5	4	6	...	10	15
Total	6	6	4	16	29	32	31	92	108

Tabulated list of Accidents occurring in the Province above and below ground during the year 1922.

Cause	Fatal		Serious		Slight		Total	
	A.	B.	A.	B.	A.	B.	A.	B.
Haulage .....	...	4	1	12	...	9	1	25
Falls of Rock	1	10	...	7	...	5	1	22
Falls of Coal	1	6	...	3	...	2	1	11
Shot Firing .....	...	...	...	7	...	6	...	13
Explosion in Powder Magazine	2	...	...	...	2	...	4	...
Shaft Accidents .....	...	4	...	2	...	...	...	6
Asphyxiation .....	...	3	...	...	...	2	...	5
Ignition of Gas .....	...	2	...	1	...	...	...	3
Electric Coal Cutting Machinery .....	...	...	...	...	...	1	...	1
Fire in Buildings on Surface	2	...	...	...	...	...	2	...
Pumping Machinery .....	...	...	1	...	...	...	1	...
R.R. Cars .....	...	...	1	...	...	...	1	...
Struck by piece of Coal from Chute .....	...	...	...	...	...	1	...	1
Teaming .....	...	...	1	...	...	...	1	...
Miscellaneous .....	...	...	2	...	2	5	4	5
Total	6	29	6	32	4	31	16	92

Tabulated List of Accidents occurring in the Province above and below ground for the year 1922,
classified according to the Districts in which they occurred.

Name of Districts	Fatal		Serious		Slight		Total		Total above and below ground
	Above	Below	Above	Below	Above	Below	Above	Below	
Crow's Nest Pass	1	2	2	10	...	1	3	13	16
Pincher Creek	11	11
Lethbridge	3	...	4	...	4	...	1	1
Magrath	1	...	...	...	...	...	1	...	...
Milk River	1	...	2	2
Taber	1	...	...	...	...	...	...	...
Bow Island
Medicine Hat
Aldersyde
High River
Calgary
Canmore	3	1	2	1	1	2	6	8
Banff
Drumheller	2	4	...	5	2	4	4	13	17
Big Valley
Saunders	2	...	...	...	2	...	4	4
Brazeau
Brooks
Hanna	1	...	...	...	1	1
Lacombe	1	...	1	...	...	...	2	2
Trochu
Three Hills	1	...	...	...	...	...	1	...	1
Carbon	2	...	...	...	2	...	4	4
Battle River	1	...	...	...	...	...	1	1
Camrose
Tofield	1	...	6	...	7	7
Clover Bar	1	...	2	...	3	3
Edmonton
Strathcona	1	...	1	...	1
Namoo	2	...	2	2
Cardiff
Wabamun	2	...	2	...	1	...	5	5
Pembina	1	1	1	...	1	1	3	4
Jasper Park	1	...	1	1	6	7
Yellowhead	1	4	...	...	...	...	...	...	...
Mountain Park	3	2	3	...	3	2	9	11
Total	6	29	6	32	4	31	16	92	108

The following tables give the classification of accidents according to the Coal Field in which they occurred.
DOMESTIC

Cause	Above Ground			Below Ground			Total
	Fatal	Serious	Slight	Fatal	Serious	Slight	
Rope Haulage (Endless): Leg caught while coupling cars.....	1	....	1
Rope Haulage (Endless): Hand caught while connecting cars.....	1	1	2
Rope Haulage: Struck by descending trip of cars.....	1	....	....	1
Elec. Storage Battery Loco.: hand crushed by coal falling off car while coupling cars.....	1	....	1
Elec. Storage Battery Loco.: Crushed between cars while switching.....	1	....	1
Elec. Storage Battery Loco.: Foot crushed by tie pushed by Locomotive.....	1	1
Horse Haulage: Crushed by falling rock through derailed cars displacing timber.....	1	....	....	1
Horse Haulage: Crushed between loaded cars.....	1	1
Horse Haulage: Fell in front of loaded car.....	1	....	1
Horse Haulage: Crushed between loaded car and side of entry.....	1	1
Horse Haulage: Leg crushed between loaded car and tail chain.....	1	....	1
Horse Haulage: Slipped while replacing car.....	1	1
Hand Haulage: Hand crushed by car.....	2	2
Fall of rock at face of entry.....	1	1	1	3
Fall of rock at face of room.....	3	2	1	6
Fall of rock in pillar workings.....	1	1	....	2
Fall of rock in stripping pit.....	1	....	....	....	....	....	1
Fall of Coal at face of entry.....	1	....	....	1
Fall of Coal at face of room.....	1	1	2
Shaft accidents: Struck by Coal falling down shaft.....	1	1	....	2
Shaft accidents: Crushed under descending cage.....	2	1	....	3
Shaft accidents: (Prospect Shaft): Collapse of timber.....	1	....	....	1
Ignition of Gas: Cause unknown.....	2	....	....	2
Ignition of Gas: By open light.....	1	1
Asphyxiation by fumes from fire in old workings.....	1	1
Asphyxiation by powder smoke.....	1	1
Shotfiring: Struck by flying coal from shot.....	1	2	3

The following tables give the classification of accidents according to the Coal Field in which they occurred.
DOMESTIC—(Continued).

Cause	Above Ground			Below Ground			Total
	Fatal	Serious	Slight	Fatal	Serious	Slight	
Shotfiring: Went back too soon on shots .....	.....	.....	.....	.....	1	2	3
Shotfiring: Open light falling into black powder while making cartridge .....	.....	.....	.....	.....	.....	1	1
Explosion in Powder Magazine	2	.....	2	.....	.....	.....	4
Fire on Surface: Collapse of tippie	1	.....	.....	.....	.....	.....	1
Coal cutting Machinery (Electric): Hand cut by chain .....	.....	.....	.....	.....	.....	1	1
Miscellaneous: Hand cut by axe .....	.....	.....	.....	.....	.....	1	1
Miscellaneous: Lifting coal cutting machine .....	.....	.....	.....	.....	.....	1	1
Miscellaneous: Cut on head by flue door .....	.....	.....	1	.....	.....	.....	1
Miscellaneous: Stuck pick in hand separating coal .....	.....	.....	.....	.....	.....	1	1
Total	4	.....	3	14	15	22	58

The following tables give the classification of accidents according to the Coal Field in which they occurred.
SUB-BITUMINOUS

Cause	Above Ground			Below Ground			Total
	Fatal	Serious	Slight	Fatal	Serious	Slight	
Fall of rock at face of entry	1	....	....	1
Fall of rock at face of slope	1	....	....	1
Fall of rock at face of room	1	1
Fall of rock at face of crosscut	1	1
Fall of coal at face of room	1	....	....	1
Fall of coal at face of stripping pit	1	....	....	....	....	....	1
Fall of coal at face of stripping pit	1
Shotfiring; Digging into unexploded powder	1	....	1
Asphyxiation by C.O., from fire in workings	3	....	....	3
Struck by piece of coal coming down chute	1	1
Total	1	....	....	6	1	3	11

The following tables give the classification of accidents according to the Coal Field in which they occurred.
BITUMINOUS

Cause	Above Ground			Below Ground			Total
	Fatal	Serious	Slight	Fatal	Serious	Slight	
Rope Haulage: Struck by derailed loaded car	1	1	....	2
Rope Haulage: Hand crushed between plank and loaded cars	1	....	1
Rope Haulage: Leg caught between loaded cars on slope	1	....	1
Rope Haulage: Fell in front of empty trip	1	....	....	....	....	1
Elec. Loco. (Storage Battery); hand crushed by wheels	1	....	1
Compressed air Loco: Arm crushed by cars	1	....	1
Horse Haulage: Crushed between cars and side of entry	1	....	1	2

THE MINES BRANCH

The following tables give the classification of accidents according to the Coal Field in which they occurred.
 BITUMINOUS—(Continued).

Cause	Above Ground			Below Ground			Total
	Fatal	Serious	Slight	Fatal	Serious	Slight	
Horse Haulage: Crushed between cars and door on entry	1	...	1
Horse Haulage: Foot crushed by car	1	...	1
Fall of rock at face of room	1	1	...	2
Fall of rock in pillar workings	1	1	1	3
Fall of rock on slope caused by runaway cars	1	1	...	2
Fall of coal at face of gangway	1	...	...	1
Fall of coal on gangway	1	...	...	1
Fall of coal in raise	1	1	2
Fall of coal in room	1
Fall of coal in crosscut	1	1	...	2
Fall of coal in pillar workings	1	...	...	1
Shotfiring: Struck by flying coal from shot	1	...	...	1
Shotfiring: Digging into unexploded powder	1	1
Slipped while walking on gangway	4	...	4
Slipped while climbing ladder in raise	1	1
Slipped while working in power house	...	2	...	...	...	1	2
Fire in power house	1	...	...	...	...	...	1
Railroad cars: Foot crushed by car wheels	...	1	...	...	...	...	1
Struck by lever which slipped	1	...	...	...	1
Runaway team	...	1	...	...	...	...	1
Pumping Machinery	...	1	...	...	...	...	1
Totals	1	6	1	9	16	6	39

No accidents are reported as having occurred in the ANTHRACITE Coal Field during the year 1922.

Table showing accidents during 1922 classified according to the Mines in the SUB-BITUMINOUS Field in which they occurred

Name of Operator	Districts	Above Ground			Below Ground			Total Above and Below
		Fatal	Serious	Slight	Total	Fatal	Serious	Total
Saunders-Alberta Collieries Ltd.	Saunders	....	....	....	....	1	....	1
Harlech Coal Co., Ltd.	Saunders	....	....	....	....	....	2	2
Alexo Coal Co., Ltd.	Saunders	....	....	....	....	1	....	1
Yellowhead Coal Co.	Yellowhead	....	....	....	....	3	....	3
Sterling Collieries, Ltd.	Yellowhead	1	....	....	1	....	....	1
Balkan Coal Co., Ltd.	Yellowhead	....	....	....	....	....	1	1
Stupor-Oakley & Co.	Yellowhead	....	....	....	....	1	....	1
Total		1	....	....	1	6	1	10
								11

Table showing accidents during 1922 classified according to the Mines in the BITUMINOUS Field in which they occurred.

Name of Operator	Districts	Above Ground			Below Ground			Total Above and Below
		Fatal	Serious	Slight	Total	Fatal	Serious	Total
Hillcrest Collieries, Ltd.	Crow's Nest Pass	....	....	....	....	....	2	2
West Canadian Collieries, Ltd. (Bellevue)	Crow's Nest Pass	....	1	....	1	....	1	1
International Coal & Coke Co., Ltd.	Crow's Nest Pass	1	1	....	2	1	....	2
McGillivray Creek Coal & Coke Co., Ltd.	Crow's Nest Pass	....	....	....	....	....	3	3
West Canadian Collieries, Ltd. (Blairmore)	Crow's Nest Pass	....	....	....	....	1	4	5
Canmore Coal Co., Ltd.	Canmore	....	1	....	1	3	2	6
Blue Diamond Coal Co., Ltd.	Jasper Park	....	1	....	1	1	1	3
Mountain Park Coal Co., Ltd.	Mountain Park	....	2	....	2	2	2	4
Luscar Collieries, Ltd.	Mountain Park	....	....	....	....	1	1	2
Total		1	6	1	8	9	16	31
								39

No accidents occurred in the ANTHRACITE Field.

LIST OF PROSECUTIONS UNDER THE MINES ACT DURING 1922.

Mine in which contravention was committed	Description of Defendant	Offence Charged	Result of Proceedings	Penalty	Costs
Blue Diamond Coal Co., Ltd.	Miner	Did ride in a car in the mine without permission of the manager	Convicted	Fined \$25 or three months imprisonment with hard labor.	\$5.00
Blue Diamond Coal Co., Ltd.	Miner	Did ride in a car in the mine without permission of the manager.	Convicted	Fined \$25 or three months imprisonment with hard labor	3.00
West Canadian Collieries Ltd. (Bellevue)	Miner	Did ride on the cars up the No. 7 slope without permission from the manager	Convicted	Fined \$15 or one month in prison	9.50
West Canadian Collieries Ltd. (Bellevue)	Miner	Did ride on the cars up the No. 7 slope without permission from manager	Convicted	Fined \$15 or one month in prison	9.50
Andrew Wilson	Operator	Did fail to pay wages earned by Thomas Flanagan and Mark Turner, from 1st of Jan. to 15th, 1922, contrary to Section 34 of The Mines Act	Convicted	Fined \$25 and costs	6.25
Parker Creek Collieries Ltd.	Mine Manager	Did fail to pay wages earned by Mike Wysocki and Bill Carr, from Feb. 1st. to Feb. 15th., 1922, contrary to Section 34 of The Mines Act	Convicted	Fined \$100 and costs	10.35
Gilbert, Dwelle & Lee	Overman	Did fail to notify the Minister and District Inspector of Mines, that he had taken charge of mine from Nov. 1st., 1921	Convicted	Fined \$15	None
Gilbert, Dwelle & Lee	Overman	Did employ workmen in mine without having a second outlet as required by Section 13, sub-sections 1 and 4	Convicted	Fined \$5.00	None
Gilbert, Dwelle & Lee	Overman	Did allow workmen to enter the mine before complying with Section 60, sub-section 2 of The Mines Act	Convicted	Fined \$15.00	None

THE MINES BRANCH

LIST OF PROSECUTIONS.—(Continued).

Mine in which contravention was committed	Description of Defendant	Offence Charged	Result of Proceedings	Penalty	Costs
Gilbert, Dwelle & Lee	Overman	Did fail to supply an adequate amount of ventilation to workmen employed in first east entry, contrary to Regulation 12 of Regulations under the Mines Act, Section 138	Convicted	Fined \$25	None
Gilbert, Dwelle & Lee	Overman	Did allow workmen to enter nine before complying with Section 60, sub-section 2 of The Mines Act	Convicted	Fined \$25 or three months' imprisonment	\$17.75
J. F. Hamilton	Operator	Did fail to send returns for the month of January, 1922, to the Minister	Convicted	Fined \$1.00	2.75
Van Brocklin & Wonski	Operators	Did fail to send to the Minister returns for the month of January, 1922	Convicted	Fined \$1.00	4.30
Pyrah & Babcock	Operators	Did fail to send to the Minister returns for the month of January, 1922	Convicted	Fined \$1.00	4.18
John Rollingson	Operator	Did fail to send to the Minister returns for the month of January, 1922	Convicted	Fined \$1.00	2.75
John Rollingson	Operator	Did fail to notify the District Inspector of Mines and the Minister of commencement of work at the mine.	Convicted	Fined \$5.00	2.75
A. D. McPherson	Operator	Did fail to produce to an Inspector at the mine an up-to-date plan of the workings	Convicted	Fined \$1.00	None
A. D. McPherson	Operator	Did fail to send to the Minister returns for the month of February, 1922	Convicted	Fined \$1.00	None
DuRocherville Mining Co. Ltd.	Manager	Did fail to send to the Minister returns for the month of January, 1922	Convicted	Fined \$1.00 or 15 days' imprisonment	4.50
J. K. Hamilton	Operator	Did fail to send to the Minister returns for the month of January, 1922	Convicted	Fined \$2.00	2.75

LIST OF PROSECUTIONS.—(Continued).

Mine in which contravention was committed	Description of Defendant	Offence Charged	Result of Proceedings	Penalty	Costs
W. J. Sanderson	Operator	Failed to advise the Minister and District Inspector of Mines of the opening of a mine on N.E. ¼ Sec. 1-15-22-4	Convicted	Fined \$5.00	\$1.75
W. J. Sanderson	Operator	Failed to appoint overman to take charge of mine	Convicted	Fined \$2.00	1.75
Mrs. M. R. Blusson	Overman	Failed to provide stop-block on brow of slope, also failed to provide a drag to attach to cars when on slope	Convicted	Fined \$5.00	1.75
Gibson Collieries Ltd.	Manager	Did employ more than twenty persons underground without first have sufficient accommodation provided for enabling the persons employed in the mine to conveniently wash themselves to dry and change their clothes, as required by Section 87 of The Mines Act	Convicted	Fined \$5.00	7.00
J. K. Hamilton	Operator	Did fail to pay all wages earned by his employees from Jan. 1st to 15th, 1922, on the last Saturday in January 1922	Not Convicted	Case Dismissed	None
James J. McDevitt	Overman	Did fail to cause a weekly report of inspection of shaft and guides to be made and posted	Convicted	No fine	3.30
James J. McDevitt	Overman	Did fail to provide an emergency hospital	Convicted	No fine	3.30
James J. McDevitt	Overman	Did fail to record measurements of air passing through the mine	Convicted	No fine	3.30
James J. McDevitt	Overman	Did fail to keep plan of mine up-to-date	Convicted	No fine	3.30
James J. McDevitt	Overman	Did fail to report inspection of mine before commencement of work and post copy of such report	Convicted	No fine	3.30

THE MINES BRANCH

LIST OF PROSECUTIONS.—(Continued).

Mine in which contravention was committed	Description of Defendant	Offence Charged	Result of Proceedings	Penalty	Costs
W. E. Vare	Operator	Did not have a certificated person in charge of the underground workings of his mine	Convicted	Fined \$2.00	\$3.00
W. H. Vair	Operator	Failed to notify the Minister and District Inspector that he had opened a mine	Convicted	Fined \$2.00	3.00
Blue Diamond Coal Co., Ltd. John Roth	Rope Rider Operator	Smoking in No. 3 south slope	Absconded	None	None
Andrew Molloy	Operator	Failed to send to the Minister returns for the month of March, 1922	Convicted	Fined \$1.00	3.00
Blue Diamond Coal Co., Ltd.	Operator	Failed to send to the Minister returns for the month of March, 1922	Convicted	Fined \$1.00	5.65
E. H. F. Warren	Miner	Did on or about May 26th, 1922, leave explosives in the mine at the end of his shift	Convicted	Fined \$25 or 60 days in prison	14.50
J. W. Ashmore & Son	Operator	Did fail to send to the Minister returns for the month of April, 1922	Convicted	Released	None
B. F. Brown	Operator	Did unlawfully mine coal from under road allowance between S.E. $\frac{1}{4}$ of Sec. 8 and S.W. $\frac{1}{4}$ of, Sec. 9, both in Tn. 16, Rge. 23, West of the 4th	Convicted	Fined \$5.00	5.75
Edward Little	Operator	Failed to send to the Minister returns for the month of April, 1922	Convicted	Fined \$2.00	5.30
Edward Little	Operator	Failed to produce a plan of the workings of his mine to an Inspector	Convicted	Fined \$5.00	3.30
Francis Du Rocher	Operator	Failed to send to the Minister returns for the month of January, 1922	Convicted	Fined \$5.00	3.30
B. F. Brown	Operator	Failed to have an overman in daily charge of the underground workings of his mine	Convicted	Fined \$2.00	1.50
	Operator	Failed to produce a plan of the workings of his mine to an Inspector	Convicted	Fined \$1.00	5.30

LIST OF PROSECUTIONS.—(Continued).

Mine in which contravention was committed	Description of Defendant	Offence Charged	Result of Proceedings	Penalty	Costs
Edward Little	Operator	Failed to pay on the last Saturday of the month all wages earned by his employees from the 1st to 15th of January, 1922	Convicted	Fined \$5.00	\$10.80
Jules Lavenne	Operator	Failed to send to the Minister returns for the month of May, 1922	Convicted	Fined \$3.00	2.25
J. T. Atkinson	Operator	Failed to send to the Minister returns for the month of May, 1922	Convicted	Fined \$1.00	5.15
A. D. McPherson	Operator	Failed to send to the Minister returns for the month of April, 1922	Convicted	Fined \$1.00	8.25
Oscar Collieries, Ltd.	Operators	Failed to pay wages earned by P. Lohmaier from 1st to 15th of May. Section 34 of The Mines Act	Convicted	Fined \$5.00	17.10
Oscar Collieries, Ltd.	Operators	Did operate on June 2nd and 3rd without having the underground workings in charge of a person holding a first or second class certificate	Convicted	Fined \$5.00	19.90
John Masciangelo	Operator	Did fail to examine mine operated by him as required by Section 60 of The Mines Act	Convicted	Fined \$5.00 or 10 days in prison	1.75
Mrs. M. M. Edmonson	Operator	Did operate her mine without having the underground workings in charge of a person holding a first or second class certificate	Convicted	Fined \$5.00	30.40
Blue Diamond Coal Co., Ltd. .	Examiner	Did fail to take such precautions as were necessary to prevent any person inadvertently approaching a shot that he fired in the No.35 level, No.2 south section	Convicted	Fined \$25 or 30 days in prison	4.30

LIST OF PROSECUTIONS.—(Continued).

Mine in which contravention was committed	Description of Defendant	Offence Charged	Result of Proceedings	Penalty	Costs
Blue Diamond Coal Co., Ltd.	Examiner	Did fail to inspect No. 35 level, No. 2 south section after he had fired a shot there and pronounced the place safe before the workmen resumed work.	Convicted	Fined \$25 or 30 days in prison.	\$4.30
Blue Diamond Coal Co., Ltd.	Miner	Did ride on a car in the mine without permission from the manager.	Convicted	Fined \$25 or 30 days in prison.	8.00
Peerless Carbon Coal Co., Ltd.	Overman	Did fail to have an adequate amount of ventilation constantly produced as required by Section 58 of The Mines Act.	Convicted	Fined \$10 or 30 days in prison.	4.00
Charles H. Pattison	Operator	Did fail to keep at the mine a plan showing the workings of the mine up-to-date, not more than three months previous.	Convicted	Fined \$1.00	4.94
John Tyrlik	Miner	Did enter the mine on Aug 15, 1922, without the same having been previously examined and certified to be safe to do so and mined coal.	Not Convicted	None	None
John Tyrlik	Miner	That he took down a fence placed across the entrance to the mine to prevent access thereto without authority to do so.	Not Convicted	None	6.40
Reigal & Hankin	Operator	Operating a mine without a certificated person in charge.	Convicted	\$2.50	1.75
Reigal & Hankin	Operator	Not giving notice of recommencement of operations as required by The Mines Act.	Convicted	\$2.50	1.75
Luscar Collieries, Ltd.	Miner	Did have in his possession ten matches in the mine.	Convicted	\$20 and costs or 2 mos. in gaol.	14.05
Luscar Collieries, Ltd.	Timber Packer	Did have in his possession one match in the mine.	Convicted	\$20 and costs or 2 mos. in gaol.	14.05

LIST OF PROSECUTIONS.—(Continued).

Mine in which contravention was committed	Description of Defendant	Offence Charged	Result of Proceedings	Penalty	Costs
Luscar Collieries, Ltd.	Timber Packer	Did have in his possession one match in the mine.	Convicted	\$20 and costs or 2 mos. in gaol.	\$14.05
Luscar Collieries, Ltd.	Driver	Did have in his possession four matches in the mine.	Convicted	\$20 and costs or 2 mos. in gaol.	14.05
John Tyrlík	Operator	Unlawfully operated a coal mine without a certificated person being in charge.	Convicted	\$5.00 fine	1.50
Ernest Skeen	Operator	Failed to appoint a certificated person to take charge of his mine.	Convicted	\$5.00 fine	3.00
Ernest Skeen	Operator	Failed to notify the Minister and District Inspector of the opening of a mine.	Convicted	\$5.00 fine	1.00
Cadomin Coal Co., Ltd.	Tipple Dumper	That he did fail to use stop block provided at top of tipple incline.	Convicted	\$5.00 fine or one month in prison	7.50
Cadomin Coal Co., Ltd.	Tipple Dumper	That he did fail to use stop block provided at top of tipple incline.	Convicted	\$5.00 fine or one month in prison	7.50
Cadomin Coal Co., Ltd.	Miner	Did have in his possession in the mine a contrivance for relighting a safety lamp.	Convicted	Fined \$5.00 or 1 month in prison	8.00
J. J. Mills	Operator	Did fail to produce to an Inspector a plan of the workings of his mine.	Convicted	Fined \$5.00	2.65
J. J. Mills	Operator	Failed to have certificated person in charge of his mine.	Convicted	Fined \$5.00	2.65
D. H. Fuller	Operator	Unlawfully operated a coal mine without notifying the Minister and District Inspector of Mines.	Convicted	Fined \$3.00	5.75
D. H. Fuller	Operator	Unlawfully operated a coal mine without a certificated person in charge.	Convicted	Fined \$3.00	5.75
J. B. Fallon	Operator	Failed to notify the District Inspector of Mines that he was operating a mine.	Convicted	Fined \$1.00 or 20 days in prison	2.00
J. B. Fallon	Operator	Failed to have a certificated person in charge of his mine.	Convicted	Fined \$1.00 or 20 days in prison	2.00

THE MINES BRANCH

LIST OF PROSECUTIONS.—(Continued).

Mine in which contravention was committed	Description of Defendant	Offence Charged	Result of Proceedings	Penalty	Costs
Gerald Duncombe	Miner	Failed to notify the District Inspector that he was operating a mine.	Convicted	Fined \$1.00 and costs or 20 days in prison	\$2.00
Gerald Duncombe	Miner	Failed to have a certificated person in charge of his mine	Convicted	Fined \$1.00 and costs or 20 days in prison	2.00
Ernest Boyd	Farmer	Failed to have a certificated person in charge of his mine	Convicted	Fined \$1.00 and costs or 20 days in prison	2.00
Ernest Boyd	Farmer	Failed to notify the District Inspector that he was operating a mine	Convicted	Fined \$1.00 and costs or 20 days in prison	2.00
Samuel Ashton	Miner	Failed to notify the District Inspector that he was operating a mine	Convicted	Fined \$1.00 and costs or 20 days in prison	2.00
Samuel Ashton	Miner	Failed to have a certificated person in charge of his mine	Convicted	Fined \$1.00 and costs or 20 days in prison	2.00
Richard Morgan	Miner	Failed to notify the District Inspector that he was operating a mine	Convicted	Fined \$1.00 and costs or 20 days in prison	2.00
Richard Morgan	Miner	Failed to have a certificated person in charge of his mine	Convicted	Fined \$1.00 and costs or 20 days in prison	2.00

CROW'S NEST PASS DISTRICT.—DISTRICT NO. 1

Hillcrest Collieries Limited. (Mine No. 40).

Mine Office: Hillcrest.

Head Office: 160 St. James Street, Montreal.

Authorized Capital: \$3,000,000.00.

President: Sir Charles Gordon, C.B.E.

Vice-President: Chas. Meredith.

Directors: Sir Charles Gordon, C.B.E.; Sir Herbert Holt; G. H. Duggan; J. M. Mackie; R. G. Drinnan; Chas. Meredith; C. P. Hill; M. P. Davis; C. R. Hamilton, K.C.

Managing Director and Secretary: J. M. Mackie.

General Manager: Wm. Stevenson, Jr.

Treasurer: Frank J. Smith.

Mine Manager: Thomas O. Davis.

Overman: John Iremonger.

Examiners: George Bamborough; William Adlam; J. W. Makin; Dan C. Kyle; Henry Instone; Denis Convery; Fred Willetts; Frank Lote; Harry Fisher; Chas. Evans and John Mackie.

Mine Surveyor: David S. Hutchinson.

Master Mechanic: George H. Altham.

Location of Mine: N.E. $\frac{1}{4}$ Sec. 18, Tp. 7, Rge. 3, W. of the 5th Mer.

Area: 4,120 acres.

Character of Coal: Bituminous.

No improvements were made to the plant or equipment at this mine during the year.

West Canadian Collieries Limited.

Head Office: 3 London Wall Building, London E.C. 2, England.

Authorized Capital: \$3,600,000.00.

President: Alphonse Wicart, 7 Rue de Tenremonde, Lille, France.

Vice-President: Edmond Ory, Chateau du Colysee, Lambersart (Nord), France.

Vice-President in Canada and General Manager: Jules Charbonnier, Blairmore, Alberta.

Directors: Alphonse Wicart; Edmund Ory; Jules Charbonnier; Edouard Decoster; Edouard Carlier, John Cavois; Baron R. de la Grange O'Tard; Henry Maintland Kersey; Edouard Rasson; Hon. Senator Raoul Dandurand.

Secretary-Treasurer: W. F. Prior, 53 Boulevard de la Liberté, Lille, France.

General Superintendent: Raoul Green, Blairmore, Alberta.

Bellevue Mine. (Mine No. 87).

Mine Manager: L. P. Robert, Bellevue, Alberta.

Overman: A. Hallworth.

Assistant Overman: N. McDonald.

Examiners: H. Blake; J. Radford; G. Cousens; S. Richards; D. Hutton; H. Hutton; J. Milnes; R. Brown; N. Evans; H. Smith; W. Prescott; T. Nanson.

Surveyor: M. Piard, Bellevue.

Master Mechanic: A. B. Carr.

Location of Mine: No. 1 L.S. 10, Sec. 20, Tp. 7, Rge. 3, W. of the 5th Mer.

Area: 1,880 acres.

Character of Coal: Bituminous.

Improvements and Development for the year 1922:

The generation of Electric Power was stopped and the introduction of Hydro-Electric Power from the East Kootenay Power Company commenced about 1st June, at which time an Electric Pump was installed in the mine.

Tipple improvements include the installation of a reciprocating feeder and new additional picking table for the better grading and cleaning of coal.

A new Lamp-house, Mine Staff Office, Powder Magazine, and Distributing Powder House were completed.

Developments for the year include a new slope being driven from 7 to 8 level, also a new slope started from inside 6 level to 7 level, and new airways to the surface from 7 level in No. 2 seam.

Greenhill Mine. (Mine No. 396).

Mine Manager: Raoul Green, Blairmore, Alberta.
 Overman: Allan Hamilton, Blairmore, Alberta.
 Examiners: J. McAndrews; T. Smith; M. Joyce; W. North; R. Hays;
 D. Kemp; J. A. MacDonald; C. Thomason; J. Patterson; M. Hamilton;
 T. Barnes; and Dan Rees.
 Master Mechanic: John McPhail.
 Mine Surveyor: Owen Morgan.
 Location of Mine: N.W. $\frac{1}{4}$, Sec. 2, Tp. 8, Rge. 4, W. of the 5th Mer.
 Area: 2,400 acres. Character of Coal: Bituminous.

The following additions have been made to the plant: One 100 Horse Power electrically operated hoist for No. 3 level; one 300 Horse Power electrically operated hoist for No. 5 level, both erected on the surface, with a hollow tile Stucco finish building for each engine; the haulage on each level is on the Main and Tail rope system; one electric sub-station; one building for Electricians' office and warehouse and a machine shop building; also a new low pressure air compressor installed.

Considerable improvements have been made to the coal cleaning arrangements on the tipple.

International Coal & Coke Company, Limited. (Mine No. 88).

Mine Office: Coleman, Alberta.
 Head Office: Coleman, Alberta.
 Authorized Capital: \$3,000,000.00.
 President: A. C. Flumerfelt.
 Vice-President: H. Davidson.
 Directors: A. C. Flumerfelt; H. Davidson; James Black; R. W. Riddell;
 C. S. Houghton.
 Secretary: E. Scowcroft.
 Treasurer: Joseph Emmerson.
 General Manager: O. E. S. Whiteside.
 Mine Manager: David Davies.
 Overman: John Cox.
 Assistant Overman: T. Badham.
 Examiners: A. J. Brown; R. M. Greenhalgh; W. White; T. Flynn; J.
 Richards.
 Mine Surveyor: L. Lindoe.
 Master Mechanic: James Scott.
 Location of Mine: Sec. 8, Tp. 8, Rge. 4, W. of the 5th Mer.
 Area: 4,410 acres. Character of Coal: Bituminous.

The Slope in the North mine has been extended to a total length of 1,048 feet; further sinking on the main Slope, South side, has been carried on below "C" level; a rock tunnel has been commenced at "B" level, North Mine, from No. 2 to No. 4 Seam.

Thirty new mine cars were put into service.

The generation of electric power was discontinued, connection being made to the power line of the East Kootenay Power Company.

On November 30th a fire destroyed the Power Plant at this Mine.

Mohawk Bituminous Mines Limited. (Mine No. 133).

Mine Office: Bellevue.
 Manager: Hector McDonald.
 Location of Mine: S.E. $\frac{1}{4}$, Sec. 21, Tp. 7, Rge. 3, W. of the 5th Mer.
 Area: 640 acres. Character of Coal: Bituminous.

The No. 1 mine by the railroad has been abandoned owing to the coal getting too thin. The No. 3 mine on the hill is closed temporarily. The No. 1 seam on the hill is the only mine being worked at the present time and has just been opened up. This seam is about 6 feet in thickness and very clean, pitching almost vertical. There have been no improvements to the plant at this mine during the year.

McGillivray Creek Coal & Coke Company, Limited. (Mine No. 204).

Mine Office: Coleman, Alberta.
 Head Office: Coleman, Alberta.
 Authorized Capital: \$3,000,000.00.
 President: James A. Nowell, St. Paul, Minn.
 Vice-President: Lorne A. Campbell, Rossland, B.C.
 Directors: James A. Nowell; Lorne A. Campbell; A. L. Simons; Fitzhugh Burns; George Kellock.
 Secretary-Treasurer: Albert F. Short, Coleman, Alberta.
 General Manager: George Kellock.
 Mine Manager: David Davidson.
 Overmen: J. O. C. MacDonald; A. Dewar; Jas. Kellock.
 Mine Examiners: H. Gate; T. Parry; R. Holmes; I. A. James; Wm. Hopkins; A. Beveridge; H. Dunlop; J. T. Griffiths.
 Mine Surveyor: Wm. E. G. Hall.
 Master Mechanic: H. McLeod.
 Location of Mine: S.E. $\frac{1}{4}$, Sec. 17, Tp. 8, Rge. 4, W. of the 5th Mer.
 Area: 1950 acres. Character of Coal: Bituminous.

Improvements:

Two Rees Ro-Turbo electrically operated pumps each with a capacity of 1,000 gallons per minute against 450ft. head, have been installed at the bottom of the No. 3 slope in a concrete pump room.

A Christy Steel-Belt conveyor Box Car Loader, electrically driven, has been added to the tippie equipment.

Three compressed air locomotives have been installed on No. 3 level.

1,800 feet of diagonal slope has been driven to connect the No. 2 and No. 3 levels with the Main Rock tunnel.

Blairmore Coal Company, Limited. (Mine No. 802).

Mine Office: Blairmore, Alberta.
 Head Office: Blairmore, Alberta.
 Authorized Capital: \$500,000.00.
 President: George H. Scott.
 Vice-President: F. Wasson.
 Directors: G. H. Scott; F. Wasson; A. Doyle; W. M. Ward; L. Veeberg; A. Mutz and H. N. Schweigert.
 Secretary-Treasurer: W. Bird, Blairmore, Alberta.
 Overman: John Jackson.
 Surveyor: W. E. Hall.
 Location of Mine: E. $\frac{1}{2}$, Sec. 34, Tp. 7, Rge. 4, W. of the 5th Mer.
 Area: 320 acres. Character of Coal: Bituminous.

The following are the improvements to date:

The main gangway has been driven in for a distance of 350 feet.

Three crosscut tunnels have been driven for the purpose of trying to connect with the No. 1 seam.

No improvements have been made to the plant during the year.

Spokane & Alberta Coal & Coke Company. (Mine No. 1065).

Mine Office: Crow's Nest, B.C.
 Manager: E. Ashburner.
 Location of Mine: S.W. $\frac{1}{4}$, Sec. 26, Tp. 7, Rge. 6, W. of the 5th Mer.
 Character of Coal: Bituminous.

This mine is located South of Crow's Nest Lake and is being opened up by means of a drift driven in on the coal from the outcrop.

PINCHER CREEK DISTRICT.—DISTRICT. NO 2.

J. L. Patton. (Mine No. 59).

Mine Office: Lundbreck, Alberta.

Operator: J. L. Patton.

Overman: James B. Rhodes.

Surveyor: J. L. Parker.

Location of Mine: S.W. $\frac{1}{4}$, Sec. 35, Tp. 7, Rge. 2, W. of the 5th Mer.

Area: 180 acres.

Character of Coal: Sub-Bituminous.

The only improvement on this property is the sinking of the slope down to a lower level.

Isaac Thomas. (Mine No. 76).

Mine Office: Lundbreck, Alberta.

Operator: Isaac Thomas.

Overman: Isaac Thomas.

Surveyor: W. E. G. Hall, Coleman, Alberta.

Location of Mine: N.W. $\frac{1}{4}$, Sec. 23, Tp. 7, Rge. 2, W. of the 5th Mer.

Character of Coal: Sub-Bituminous.

No improvements have been made during the year.

C. L. Sedgewick. (Mine No. 77).

Mine Office: Lundbreck, Alberta.

Operator: C. L. Sedgewick.

Overman: Lewis Kaye.

Location of Mine: Sec. 26, Tp. 7, Rge. 2, W. of the 5th Mer.

Character of Coal: Sub-Bituminous.

This mine was formerly operated by the Breckenridge & Lund Coal Co., Ltd. The work done consists of cleaning up the Main entry and re-timbering the same in several places. A coal bin has been erected having a capacity of 30 tons of coal.

McDowall Bros. (Mine No. 199).

Mine Office: Beaver Mines, Alberta.

Operator: McDowall Brothers.

Overman: Archie McDowall.

Location of Mine: N.E. $\frac{1}{4}$, Sec. 3, Tp. 6, Rge. 2, W. of the 5th Mer.

This mine was formerly operated by the North American Collieries, Ltd., and was abandoned by them. McDowall Bros. are operating the mine on a very small scale, for the purpose of supplying local demand. There have been no improvements made during the year.

J. H. Owens. (Mine No. 295).

Mine Office: Pincher Creek, Alberta.

Operator: J. H. Owens.

Overman: J. H. Owens.

Surveyor: J. F. Hamilton, Lethbridge.

Location of Mine: N.W. $\frac{1}{4}$, Sec. 10, Tp. 5, Rge. 1, W. of the 5th Mer.

Area: 40 acres.

Character of Coal: Sub-Bituminous.

There have been no improvements during the year.

Richard Murtland. (Mine No. 715).

Mine Office: Pincher Creek, Alberta.

Operator: Richard Murtland.

Overman: Richard Murtland.

Surveyor: J. F. Hamilton, Lethbridge.

Location of Mine: S.W. $\frac{1}{4}$, Sec. 16, Tp. 5, Rge. 1, W. of the 5th Mer.

Area: 40 acres.

Character of Coal: Sub-Bituminous.

There have been no improvements made on this property during the year.

LETHBRIDGE DISTRICT.—DISTRICT NO. 3

*Department of Natural Resources, Canadian Pacific Railway Company.**(Mine No. 3).*

Mine Office: Lethbridge.
 Head Office: Montreal, Quebec.
 President: E. W. Beatty.
 Vice-President: Grant Hall.
 Directors: E. W. Beatty; Hon. Frederick L. Beique; Grant Hall; Sir Herbert S. Holt; C. R. Hosmer; Col. Frank S. Meighen; Sir Vincent Meredith; Sir Augustus M. Nanton, Sir Edmund B. Osler, J. K. L. Ross, Hon. Lord Shaughnessy, Hon. Wm. J. Shaughnessy, Sir Thomas Skinner, and W. N. Tilley, K.C.
 Secretary: Ernest Alexander.
 Treasurer: H. E. Suckling.
 General Manager: P. L. Naismith.
 General Superintendent: Lewis Stockett.
 Mine Manager: Robert Livingstone.
 Mine Surveyor: W. Meldrum.
 Area: 15,115 acres. Character of Coal: Domestic.

No. 3 MINE

Overmen: John C. Livingstone, George Taylor.
 Examiners: John Parks, R. Scott; A. Parks; L. E. Huff.
 Master Mechanic: John Scott.
 Location of Mine: L.S. 13, Sec. 6, Tp. 9, Rge. 21, W. of the 4th Mer.

No. 6 MINE

Overman: Wm. Crawford.
 Examiners: D. Coutts; J. A. Cooper; R. Clark; J. Hamilton; T. Mossey; J. Moore; J. McGowan; J. Stewart; G. Hargreaves; W. Goldie; J. Miller; T. Worthington; W. J. Robertson.
 Master Mechanic: J. A. Carruthers.

Location of Mine: L.S. 15, Sec. 18, Tp. 9, Rge. 21, W. of the 4th Mer.

The Lethbridge seam which is being worked has a thickness of 4 feet 4 inches, with shale roof and pavement, and is worked on the room and pillar system, all coal being undercut by compressed air machines of the Puncher type.

Haulage is by means of endless rope on the main entries, horses being used for gathering from working faces.

Both mines are entered by shafts, the No. 3 shaft being 8 feet by 15 feet by 300 feet in depth, and the No. 6 shaft 19 feet by 18 feet by 400 feet in depth.

The plant at the No. 3 mine has a capacity of 800 tons per day, the mine cars holding 2,000 lbs. The plant at No. 6 mine has a daily capacity of 1,600 tons, the mine cars holding 2,500 lbs.

Cap lamps of the Wico electric type are used by all workmen in the No. 6 mine, except machine men, who are using lamps of the Ceag electric hand type.

Open lights are used in No. 3 mine.

C. S. Donaldson Coal Company (Mine No. 54).

Mine Office: Lethbridge.
 Manager: C. S. Donaldson.
 Mine Surveyor: C. S. Donaldson.
 Examiners: F. Thackeray; W. White.
 Location of Mine: L.S. 5, Sec. 36, Tp. 8, Rge. 22, W. of the 4th Mer.
 Area: 160 acres. Character of Coal: Domestic.
 Owner of Property: Federal Coals Ltd., Box 386, Montreal.

This mine is located on the west bank of the Belly River, near Lethbridge, and is entered by means of drifts driven in from the outcrop.

The Lethbridge seam which is being worked has a thickness of 4 feet 4 inches, with shale roof and pavement, the cover varying from 50 to 300 feet in thickness.

An electrically operated air compressor with a capacity of 350 cubic feet of free air per minute has recently been installed for the purpose of operating coal cutting machines of the Puncher type. The electric power used at the mine is purchased from the City of Lethbridge power plant.

North American Collieries, Limited. (Mine No. 174).

Mine Office: Coalhurst.
 Head Office: 908 Lancaster Building, Calgary, Alberta.
 Authorized Capital: \$1,000,000.00.
 President: H. A. Lovett, K.C.
 Vice-President: Hugh MacKay.
 Directors: J. W. Pyke; R. M. Ballantyne; N. Curry; J. M. Mackie.
 Secretary: D. MacNeil; Treasurer: T. C. Boyd.
 General Manager: W. J. Dick.
 Mine Manager: D. H. Quigley.
 Overman: J. D. Keith.
 Examiners: S. T. Wright; A. Hunter; M. McNab; C. Peacock; R. Heap;
 A. Birse.
 Mine Surveyor: D. H. Quigley.
 Master Mechanic: W. McMahon.
 Location of Mine: L.S. 2, Sec. 21, Tp. 9, Rge. 22, W. of the 4th Mer.
 Area: 8,000 acres. Character of Coal: Domestic.
 Owner of Property: North American Collieries, Limited.

This mine is located at Coalhurst, north-west of Lethbridge.

The Lethbridge seam, which is being worked, has a thickness of 4 feet 4 inches with shale roof and pavement.

The mine is entered by means of shafts 582 feet deep, the system of working adopted is the room and pillar, the coal being undercut by compressed air machines, of the Puncher and Bar type. The plant has a capacity of 1,200 tons per day, the mine cars holding 3,000 lbs.

The method of haulage is by endless rope on the entries, horses being used for gathering purposes from the rooms. Cap lamps of the Edison electric type are used throughout the mine by the workmen, officials using the Edison electric and Wolfe flame type safety lamps.

City of Lethbridge. (Mine No. 192).

Mine Office: Lethbridge.
 Overman: Alfred Davis.
 Mine Surveyor: Alfred Davis.
 Location of Mine: I.S. 7, Sec. 36, Tp. 8, Rge. 22, W. of the 4th Mer.
 Area: 40.7 Acres. Character of Coal: Domestic.
 Owner of Property: City of Lethbridge.

The Lethbridge seam which is being worked has a thickness of 4 feet 2 inches, with shale roof and pavement, cover having a thickness of 200 feet.

The mine is entered by means of drifts from the East bank of the Belly River, and is worked on the room and pillar system, producing 40 tons per day.

The total output is used by the City of Lethbridge for the supply of the power plant and Civic offices.

New Barnes Coal Mine Company (Mine No 203)

Mine Office: Royal View.
 Overman: A. E. Dupen.
 Mine Surveyor: A. Davis.
 Location of Mine: L.S. 9, Sec. 31, Tp. 9, Rge. 21, W. of the 4th Mer.
 Area: 20 acres. Character of Coal: Domestic.

This mine is located in a coulee, 5 miles north of Lethbridge and is entered by means of drifts driven in from the outcrop. The Lethbridge seam which is being worked has an average thickness of 4 feet, with shale roof and pavement, the cover being 200 feet thick.

All the coal at this mine is being produced from pillars.

Chinook Coal Company, Limited. (Mine No. 247).

Mine Office: Commerce.
 Head Office: Lethbridge.
 Authorized Capital: \$3,000,000.00.
 President: W. A. Wood.
 Vice-President: Miller Lash.

Directors: W. A. Wood; Miller Lash; R. Cassles; Dr. McCallum; R. Somerville.

Secretary: J. A. Ready.

Treasurer: Miller Lash.

General Manager: Hugh Crawford.

Mine Manager: Moses Johnson.

Overman: David Jones.

Examiners: D. Phillips; R. Wolstencroft; W. Goodrich; H. Evans.

Mine Surveyor: M. Johnson.

Master Mechanic: W. Simpson.

Location of Mine: L.S. 7, Sec. 12, Tp. 10, Rge. 22, W. of the 4th Mer.

Area: 8,300 acres.

Character of Coal: Domestic.

The Lethbridge seam which is being worked has an average thickness of 4 feet and 6 inches, with shale roof and pavement, the thickness of cover averaging 500 feet.

The Mine is entered by shafts 8 feet 6 inches by 17 feet by 440 feet deep.

The system of working adopted is room and pillar, the coal being undercut by compressed air machines of the Puncher type.

Cap lamps of the Edison electric type are used throughout the mine by the workmen, the officials using the Edison electric and Wolfe flame Safety lamps.

Andrew Malloy. (Mine No. 395).

Mine Office: Picture Butte.

Overman: Andrew Malloy.

Mine Surveyor: W. Meldrum.

Location of Mine: L.S. 14, Sec. 27, Tp. 10, Rge. 21, W. of the 4th Mer.

Area: 60 acres.

Character of Coal: Domestic.

The Lethbridge Coal Company, Limited. (Mine No. 676).

Mine Office: Lethbridge.

Head Office: Lethbridge.

Authorized Capital: \$150,000.00.

President: W. S. Henderson.

Vice-President: Edgar Burke.

Directors: W. S. Henderson, Edgar Burke, C. C. Cooke.

Secretary: Hugh McIlvena.

Treasurer: C. C. Cook.

General Manager: C. C. Cook.

Mine Manager: J. H. Turner.

Overman: A. M. Queen.

Examiners: W. Hynd; Hugh Evans.

Mine Surveyor: A. B. Cook.

Master Mechanic: F. Blasko.

Location of Mine: L.S. 12, Sec. 12, Tp. 9, Rge. 22, W. of the 4th Mer.

Area: 223 acres.

Character of Coal: Domestic.

The Lethbridge seam which is being worked has a thickness of 4 feet 6 inches, with shale roof and pavement, the cover having a thickness of 350 feet.

The mine is entered by means of a slope driven across the measures from the river bank, on a pitch of 21 degrees, up which the coal is hauled by an electrically operated hoist. From the mine entrance, cars are hauled up a surface incline to the tippie located on the prairie. After passing over gravity screens, the coal is loaded into cars having a capacity of 5 tons each and hauled 1½ miles over a narrow gauge railway by a gasoline locomotive, to a siding on the Canadian Pacific Railway, and then loaded into box cars.

The system of working is room and pillar, coal being undercut by compressed air machines of the Puncher type.

The plant has a capacity of 150 tons per day.

The power used for hoisting, screening and pumping is purchased from the City of Lethbridge. Open lights are used throughout the mine.

Geo. Rollingson. (Mine No. 738).

Mine Office: Raymond.

Overman: Geo. Rollingson.

Mine Surveyor: J. F. Hamilton.

Location of Mine: L.S. 7, Sec. 11, Tp. 8, Rge. 22, W. of the 4th Mer.

Area: 20 acres.

Character of Coal: Domestic.

Thickness of Seam: 2 feet 6 inches.

Thickness of Cover: 100 feet.

Peter Jones. (Mine No. 750).

Mine Office: Lethbridge.
 Overman: Peter Jones.
 Mine Surveyor: W. Meldrum.
 Location of Mine: L.S. 14, Sec. 27, Tp. 10, Rge. 21, W. of the 4th Mer.
 Area: 60 acres. Character of Coal: Domestic.
 Thickness of Seam: 3 feet 10 inches.
 Thickness of Cover: 150 feet.

Southern Alberta Coal Company, Limited.

Mine Office: Empress Block, Lethbridge.
 Head Office: 318 South Post Street, Spokane, Wash., U.S.A.
 Authorized Capital: \$45,000.00.
 President: W. A. Beaudry.
 Directors: W. A. Beaudry; S. S. Bassett; R. G. Pritchard; W. Harrold.
 Secretary-Treasurer: S. S. Bassett.
 General Manager: W. A. Beaudry.
 Mine Surveyor: J. F. Hamilton.

Mine No. 761

Overman: Robert Crawford.
 Location of Mine: L.S. 4, Sec. 36, Tp. 8, Rge. 22, W. of the 4th Mer.
 Area: 50 acres. Character of Coal: Domestic.

Mine No. 821.

Overman: J. L. Melvin.
 Location of Mine: L.S. 10, Sec. 36, Tp. 8, Rge. 22, W. of the 4th Mer.
 Area: 7 acres. Character of Coal: Domestic.
 The Lethbridge seam which is being worked at these mines, has a thickness of 4 feet with shale roof and pavement, the cover having a thickness of 200 feet.
 They are entered by means of drifts, and are worked on the room and pillar system.

Keystone Collieries, Limited. (Mine No. 836).

Mine Office: Lethbridge.
 Overman: Thomas Whitelaw.
 Mine Surveyor: J. F. Hamilton.
 Location of Mine: L.S. 3, Sec. 36, Tp. 8, Rge. 22, W. of the 4th Mer.
 Area: 25 acres. Character of Coal: Domestic.
 Thickness of Seam: 4 feet.

James F. Hamilton. (Mine No. 871).

Mine Office: Lethbridge.
 Overman: D. McNab.
 Mine Surveyor: J. F. Hamilton.
 Location of Mine: L.S. 14, Sec. 36, Tp. 8, Rge. 22, W. of the 4th Mer.
 Area: 40 acres. Character of Coal: Domestic.
 Thickness of Seam: 4 feet.
 Thickness of Cover: 50 feet.

J. T. Atkinson. (Mine No. 889).

Mine Office: Lethbridge.
 Overman: F. Hauschild.
 Location of Mine: L.S. 16, Sec. 2, Tp. 8, Rge. 22, W. of the 4th Mer.
 Area: 20 acres. Character of Coal: Domestic.

Van Brocklin & P. Wonski. (Mine No. 942).
 (CLOSED)

Mine Office: Lethbridge.
 Location of Mine: L.S. 2, Sec. 16, Tp. 10, Rge. 21, W. of the 4th Mer.

Warren & Adair. (Mine No. 983).

Mine Office: Commerce.
Mine Surveyor: W. Meldrum.
Location of Mine: N.W. $\frac{1}{4}$, Sec. 27, Tp. 10, Rge. 22, W. of the 4th Mer.
Thickness of Seam: 3 feet 10 inches. Character of Coal: Domestic.
Thickness of Cover: 150 feet.

John Suran. (Mine No. 988).

Mine Office: Hardieville.
Overman: John Suran.
Location of Mine: L.S. 16, Sec. 31, Tp. 9, Rge. 21, W. of the 4th Mer.
Area: 40 acres. Character of Coal: Domestic.
Thickness of Seam: 4 feet.
Depth of Cover: 50 feet.

J. B. Smith. (Mine No. 993).

Mine Office: Lethbridge.
Overman: J. B. Smith.
Location of Mine: L.S. 5, Sec. 11, Tp. 8, Rge. 22, W. of the 4th Mer.
Thickness of Seam: 2 feet. Character of Coal: Domestic.

Gust. & Morris Nordblad. (Mine No. 1045).

Mine Office: Lethbridge.
Overman: Geo. Mitchell.
Location of Mine: L.S. 15, Sec. 2, Tp. 8, Rge. 22, W. of the 4th Mer.
Prospecting work only has been done at this mine.

MAGRATH DISTRICT.—DISTRICT NO. 4

G. F. Russell. (Mine No. 55).

Mine Office: Lethbridge.
Overman: G. F. Russell.
Mine Surveyor: J. H. Turner.
Location of Mine: L.S. 2, Sec. 18, Tp. 7, Rge. 21, W. of the 4th Mer.
Area: 70 acres. Character of Coal: Domestic.
Thickness of Seam: 3 feet 6 inches.
Thickness of Cover: 120 feet.

John Rollingson. (Mine No. 56).

Location of Mine: L.S. 2, Sec. 7, Tp. 7, Rge. 21, W. of the 4th Mer.
This mine is now abandoned.

Wm. Reece. (Mine No. 161).

Mine Office: Magrath.
Location of Mine: Sec. 2, Tp. 7, Rge. 22, W. of the 4th Mer.
This mine is abandoned.

John Rollingson. (Mine No. 409).

Mine Office: Magrath.
 Overman: John Rollingson.
 Mine Surveyor: J. H. Turner.
 Location of Mine: L.S. 4, Sec. 17, Tp. 7, Rge. 21, W. of the 4th Mer.
 Area: 20 acres. Character of Coal: Domestic.
 Thickness of Seam: 3 feet.
 Thickness of Cover: 75 feet.

Pyrar & Babcock. (Mine No. 981).

Mine Office: Magrath.
 Overman: S. Pyrah.
 Mine Surveyor: J. H. Turner.
 Location of Mine: L.S. 13, Sec. 8, Tp. 7, Rge. 21, W. of the 4th Mer.
 Character of Coal: Domestic.
 Thickness of Seam: 3 feet.
 Thickness of Cover: 80 feet.

A. Bembridge. (Mine No. 984).

Mine Office: Magrath.
 Overman: A. Bembridge.
 Location of Mine: Sec. 1, Tp. 7, Rge. 22, W. of the 4th Mer.
 Character of Coal: Domestic.
 Thickness of Seam: 3 feet 6 inches.

J. H. Wall. (Mine No. 1020).

Mine Office: Raymond.
 Overman: A. Rossolini.
 Location of Mine: L.S. 4, Sec. 7, Tp. 7, Rge. 21, W. of the 4th Mer.
 Prospecting work only has been done at this mine.

MILK RIVER DISTRICT.—DISTRICT NO. 5

Arthur Garner. (Mine No. 1040).

Mine Office: Hillspring.
 Overman: Samuel Brunier.
 Location of Mine: Sec. 3, Tp. 4, Rge. 27, W. of the 4th Mer.

Robert H. & David Yates. (Mine No. 179).

Mine Office: Milk River.
 Overman: R. H. Yates.
 Mine Surveyor: J. A. H. Church.
 Location of Mine: L.S. 2, Sec. 6, Tp. 3, Rge. 15, W. of the 4th Mer.
 Area: 160 acres. Character of Coal: Domestic.
 Thickness of Seam: 4 feet.
 Thickness of Cover: 50 feet.

Milk River Colliery Company. (Mine No. 271).

Mine Office: Milk River.
 Overman: Geo. Brearley.
 Mine Surveyor: J. A. H. Church.
 Location of Mine: L.S. 5, Sec. 26, Tp. 2, Rge. 16, W. of the 4th Mer.
 Area: 160 acres. Character of Coal: Domestic.
 Thickness of Seam: 4 feet.
 Thickness of Cover: 35 feet.

D. G. McKay. (Mine No. 279).

Mine Office: Milk River.
Overman: Thomas Lauchlin.
Mine Surveyor: J. A. H. Church.
Location of Mine: L.S. 3, Sec. 1, Tp. 3, Rge. 16, W. of the 4th Mer.
Area: 40 acres. Character of Coal: Domestic.
Thickness of Seam: 3 feet 6 inches.
Thickness of Cover: 40 feet.

Evan Evans. (Mine No. 316).

Mine Office: Cardston.
Overman: Evan Evans.
Mine Surveyor: J. A. H. Church.
Location of Mine: L.S. 12, Sec. 26, Tp. 2, Rge. 26, W. of the 4th Mer.
Area: 302 acres. Character of Coal: Domestic.
Thickness of Seam: 12 feet.

Thomas Steegstra. (Mine No. 368).

Location of Mine: L.S. 15, Sec. 4, Tp. 2, Rge. 6, W. of the 4th Mer.
Thickness of Seam: 6 feet.
Thickness of Cover: 200 feet.
This mine is abandoned.

Evan T. Davies. (Mine No. 381).

Mine Office: Lucky Strike.
Overman: Evan T. Davies.
Mine Surveyor: J. A. H. Church.
Location of Mine: L.S. 13, Sec. 6, Tp. 3, Rge. 11, W. of the 4th Mer.
Character of Coal: Domestic.
Thickness of Seam: 2 feet 6 inches.
Thickness of Cover: 50 feet.

W. H. McIntyre. (Mine No. 405).

Location of Mine: L.S. 3, Sec. 24, Tp. 3, Rge. 22, W. of the 4th Mer.
This mine is abandoned.

Philip Goodie. (Mine No. 421).

Mine Office: Groton.
Overman: John McDonald.
Mine Surveyor: J. A. H. Church.
Location of Mine: L.S. 10, Sec. 10, Tp. 3, Rge. 11, W. of the 4th Mer.
Area: 22½ acres. Character of Coal: Domestic.
Thickness of Seam: 3 feet 9 inches.
Thickness of Cover: 50 feet.

A. W. Callow. (Mine No. 454).

(CLOSED)

Location of Mine: L.S. 12, Sec. 9, Tp. 4, Rge. 16, W. of the 4th Mer.

Phil. Kale. (Mine No. 644).

Mine Office: Lucky Strike.
Overman: Phil. Kale.
Mine Surveyor: J. A. H. Church.
Location of Mine: L.S. 6, Sec. 1, Tp. 3, Rge. 12, W. of the 4th Mer.
Area: 160 acres. Character of Coal: Domestic.
Thickness of Seam: 6 feet.
Thickness of Cover: 50 feet.

Erminio Peruzzo. (Mine No. 650).

Location of Mine: L.S. 16, Sec. 6, Tp. 2, Rge. 26, W. of the 4th Mer.
This mine is abandoned.

John C. Pacy. (Mine No. 803).

Mine Office: Manyberries.
Overman: John C. Pacy.
Mine Surveyor: J. A. H. Church.
Location of Mine: L.S. 7, Sec. 24, Tp. 3, Rge. 7, W. of the 4th Mer.
Area: 20 acres. Character of Coal: Domestic.
Thickness of Seam: 3 feet.
Thickness of Cover: 20 feet.

John Finstad & Company. (Mine No. 806).

(STRIPPING PIT)

Location of Mine: L.S. 2, Sec. 27, Tp. 2, Rge. 7, W. of the 4th Mer.
This mine is abandoned.

W. O. Miller. (Mine No. 826).

Mine Office: Del Bonita.
Overman: Carl Miller.
Mine Surveyor: J. A. H. Church.
Location of Mine: L.S. 13, Sec. 28, Tp. 1, Rge. 22, W. of the 4th Mer.
Area: 60 acres. Character of Coal: Domestic.
Thickness of Seam: 5 feet 4 inches.
Thickness of Cover: Varying from 40 feet to 100 feet.

Henry Noble. (Mine No. 855).

Mine Office: Cardston.
Overman: Henry Noble.
Mine Surveyor: J. A. H. Church.
Location of Mine: L.S. 11, Sec. 15, Tp. 1, Rge. 26, W. of the 4th Mer.
Area: 40 acres. Character of Coal: Domestic.
Thickness of Seam: 5 feet 9 inches.

Bradley & Walters. (Mine No. 881).

Mine Office: Lucky Strike.
Overman: J. W. Carlson.
Mine Surveyor: J. A. H. Church.
Location of Mine: L.S. 11, Sec. 10, Tp. 3, Rge. 11, W. of the 4th Mer.
Area: 40 acres. Character of Coal: Domestic.
Thickness of Seam: 4 feet 6 inches.
Thickness of Cover: 70 feet.

Comrey Coal Company. (Mine No. 965).

Mine Office: Comrey.
Overman: Thomas Steegstra.
Mine Surveyor: J. A. H. Church.
Location of Mine: L.S. 4, Sec. 9, Tp. 2, Rge. 6, W. of the 4th Mer.
Character of Coal: Domestic.
Thickness of Seam: 4 feet 6 inches.
Thickness of Cover: 200 feet.

W. H. Vair. (Mine No. 996).

Mine Office: Boundary Creek.

Overman: J. H. Vair.

Character of Coal: Domestic.

Location of Mine: N.E. $\frac{1}{4}$, Sec. 29, Tp. 1, Rge. 26, W. of the 4th Mer.

W. E. Vare. (Mine No. 997).

Mine Office: Boundary Creek.

Location of Mine: N.W. $\frac{1}{4}$, Sec. 32, Tp. 1, Rge. 26, W. of the 4th Mer.

Character of Coal: Domestic.

Alex. Noble. (Mine No. 1009).

Mine Office: Boundary Creek.

Overman: Alex. Noble.

Location of Mine: L.S. 4, Sec. 22, Tp. 1, Rge. 26, W. of the 4th Mer.

William Hartley. (Mine No. 1011).

Mine Office: Stirling.

Overman: William Hartley.

Mine Surveyor: J. H. Turner.

Location of mine: S.W. $\frac{1}{4}$, Sec. 34, Tp. 5, Rge. 15, W. of the 4th Mer.

Character of Coal: Domestic.

Thickness of Seam: 3 feet.

Thickness of Cover: 40 feet.

Philip Goodie. (Mine No. 1013).

Mine Office: Foremost.

Overman: Philip Goodie.

Mine Surveyor: J. A. H. Church.

Location of Mine: L.S. 4, Sec. 36, Tp. 6, Rge. 12, W. of the 4th Mer.

Character of Coal: Domestic.

Thickness of Seam: 3 feet.

Thickness of Cover: 20 feet.

TABER DISTRICT.—DISTRICT NO. 6

E. M. LeBlanc. (Mine No. 82).

Manager and Overman: E. M. LeBlanc.

Location of Mine: Sec. 8, Tp. 10, Rge. 16, W. of the 4th Mer.

This mine was formerly operated by Regal Collieries, Ltd., and abandoned in 1916. The only work so far done is the unwatering of an 8 feet by 14 feet shaft, which was sunk to a depth of 135 feet.

Joseph Ferens. (Mine No. 987).

Mine Office: Taber.

Overman: Joseph Ferens.

Location of Mine: L.S. 8, Sec. 11, Tp. 10, Rge. 17, W. of the 4th Mer.

Character of Coal: Domestic.

Thickness of Seam: 3 feet 6 inches.

Canada West Coal Company. (Mine No. 105)

Mine Office: Taber.
 Head Office: Taber.
 President: J. S. Hough.
 Vice-President: S. H. Bowman, Jr.
 Directors: F. E. Kenaston; C. A. Robertson; R. Thompson; I. Cockburn.
 Superintendent and Manager: E. S. F. Huntrods.
 Overman: Ernest Marsh.
 Examiners: Jas. Head; J. H. Gidman; Wm. Vickers.
 Mine Surveyor: E. S. F. Huntrods.
 Master Mechanic: W. F. Henry.
 Location of Mine: L.S. 7, Sec. 31, Tp. 9, Rge. 6, W. of the 4th Mer.
 Area: 11,200 acres. Character of Coal: Domestic.

The Belly River seam, which is being worked, has an average thickness of 3 feet 6 inches, with shale roof and pavements.

The mine is entered by a slope 8 feet high, by 14 feet wide by 294 feet in length pitching 18 degrees, up which the mine cars are hauled by a creeper chain.

The system of working is room and pillar, coal being undercut by compressed air operated coal-cutting machines of the Puncher type, and electrically operated machines of the Shortwall chain type.

Haulage is done by means of electric locomotives of the trolley type on the entries, with horses from the working places.

Open lights are used throughout the mine.

This mine is at present being operated by the Royal Trust Co. as Trustee for the Bondholders.

Canadian Pacific Railway Company. (Mine No. 132).

Mine Office: Taber.
 Overman: Samuel Shawcross.
 Location of Mine: L.S. 14, Sec. 7, Tp. 10, Rge. 16, W. of the 4th Mer.
 Area: 40 acres. Character of Coal: Domestic.
 Owner of Property: Canadian Pacific Railway Company, Lethbridge.

The Coal from this mine is used in connection with the pumping plant, supplying water to the Canadian Pacific Railway water tank at Taber.

Edward Oliver. (Mine No. 170).

Mine Office: Taber.
 General Manager: E. Oliver.
 Overman: W. R. Hughes.
 Mine Surveyor: E. S. F. Huntrods.
 Master Mechanic: B. Johnson.
 Location of Mine: L.S. 14, Sec. 3, Tp. 10, Rge. 17, W. of the 4th Mer.
 Area: 180 acres. Character of Coal: Domestic.
 Owner of Property: The Rock Springs Coal & Brick Co., Ltd., Taber.
 Thickness of Seam: 3 feet.
 Thickness of Cover: 75 feet.

Lewis Oliver. (Mine No. 201).

Mine Office: Taber.
 Overman: Lewis Oliver.
 Mine Surveyor: E. S. F. Huntrods.
 Location of Mine: L.S. 5, Sec. 18, Tp. 10, Rge. 16, W. of the 4th Mer.
 Area: 80 acres. Character of Coal: Domestic.
 Thickness of Seam: 4 feet.
 Thickness of Cover: 60 feet.

Regal Collieries. (Mine No. 228).

Mine Office: Taber.
 Head Office: Taber.
 General Manager: A. Bilteryst.
 Mine Manager: Robt. Stewart.

Overman: Robt. Stewart.

Examiner: Dave Miller.

Mine Surveyor: Jean Bilteryst.

Master Mechanic: W. Duncombe.

Location of Mine: L.S. 8, Sec. 19, Tp. 10, Rge. 16, W. of the 4th Mer.

Area: 780 acres.

Character of Coal: Domestic.

The Belly River seam, which is being worked, has a thickness of 3 feet 4 inches, with shale roof and pavement, having a cover of 150 feet in thickness.

System of working is Long Wall advancing, coal being undercut by an electrically operated machine of the Long Wall chain type.

The mine is entered by means of shafts. Open lights are used throughout the mine.

Cambrian Coal Company, Limited. (Mine No. 499).

Location of Mine: L.S. 2, Sec. 4, Tp. 10, Rge. 17, W. of the 4th Mer.

This mine is abandoned.

Domestic Coal Company. (Mine No. 669).

Mine Office: Taber.

Overman: J. Oliver.

Mine Surveyor: E. S. F. Huntrods.

Location of Mine: L.S. 3, Sec. 1, Tp. 10, Rge. 17, W. of the 4th Mer.

Area: 40 acres.

Character of Coal: Domestic.

Thickness of Seam: 3 feet 6 inches.

Thickness of Cover: 90 feet.

Mullen & Williams. (Mine No. 702).

Mine Office: Elcan.

Overman: John Mullen.

Mine Surveyor: E. S. F. Huntrods.

Location of Mine: L.S. 13, Sec. 3, Tp. 10, Rge. 17, W. of the 4th Mer.

Area: 10 acres.

Character of Coal: Domestic.

Thickness of Seam: 3 feet.

Thickness of Cover: 70 feet.

United Coal Company. (Mine No. 711).

Mine Office: Barnwell.

Overman: Wm. Doran.

Mine Surveyor: E. S. F. Huntrods.

Location of Mine: L.S. 8, Sec. 4, Tp. 10, Rge. 17, W. of the 4th Mer.

E. S. Bowden. (Mine No. 895).

Mine Office: Taber.

Location of Mine: L.S. 8, Sec. 16, Tp. 11, Rge. 16, W. of the 4th Mer.

Character of Coal: Domestic.

Stripping pit on the bank of the Belly River.

This mine is now abandoned.

J. Stainthorpe. (Mine No. 899).

Mine Office: Taber.

Mine Surveyor: E. S. F. Huntrods.

Location of Mine: L.S. 15, Sec. 12, Tp. 10, Rge. 16, W. of the 4th Mer.

Area: 16 acres.

Character of Coal: Domestic.

Thickness of Seam: 4 feet.

Thickness of Cover: 70 feet.

This mine is closed.

Samuel Dunn & Thomas Causey. (Mine No. 909).

Mine Office: Taber.
 Overman: S. Dunn.
 Mine Surveyor: E. S. F. Huntrods.
 Location of Mine: L.S. 11, Sec. 18, Tp. 10, Rge. 16, W. of the 4th Mer.
 Area: 30 acres. Character of Coal: Domestic.
 Thickness of Seam: 4 feet.
 Thickness of Cover: 70 feet.

Henry Miller. (Mine No. 1010).

Mine Office: Taber.
 Overman: Alex. Guthro.
 Mine Surveyor: E. S. F. Huntrods.
 Location of Mine: L.S. 15, Sec. 36, Tp. 10, Rge. 17, W. of the 4th Mer.
 Character of Coal: Domestic.
 Thickness of Seam: 3 feet 6 inches.

BOW ISLAND DISTRICT.—DISTRICT NO. 7

J. J. Mills. (Mine No. 180).

Mine Office: Grassy Lake.
 Overman: J. J. Mills.
 Mine Surveyor: J. A. H. Church.
 Location of Mine: L.S. 13, Sec. 23, Tp. 9, Rge. 13, W. of the 4th Mer.
 Area: 120 acres. Character of Coal: Domestic.
 Thickness of Seam: 5 feet.
 Thickness of Cover: 30 feet.

Carlo Perini. (Mine No. 341)

Mine Office: Prospery P.O.
 Overman: Carlo Perini.
 Mine Surveyor: J. A. H. Church.
 Location of Mine: L.S. 9, Sec. 5, Tp. 8, Rge. 8, W. of the 4th Mer.
 Area: 20 acres. Character of Coal: Domestic.
 Thickness of Seam: 2 feet 8 inches.
 Thickness of Cover: 60 feet.

George S. Gibson & Son. (Mine No. 377)

Mine Office: Grassy Lake.
 Overman: G. S. Gibson.
 Mine Surveyor: J. A. H. Church.
 Location of Mine: L.S. 4, Sec. 25, Tp. 9, Rge. 13, W. of the 4th Mer.
 Area: 40 acres. Character of Coal: Domestic.
 Thickness of Seam: 5 feet 3 inches.
 Thickness of Cover: 50 feet.

Louis Santoni. (Mine No. 448).

Mine Office: Bow Island.
 Overman: Louis Santoni.
 Mine Surveyor: J. A. H. Church.
 Location of Mine: L.S. 7, Sec. 36, Tp. 11, Rge. 11, W. of the 4th Mer.
 Area: 40 acres. Character of Coal: Domestic.
 Thickness of Cover: 120 feet.

Dominic Annon. (Mine No. 672).

Mine Office: Winnifred P.O.
 Overman: Dominic Annon.
 Mine Surveyor: J. A. H. Church.

Location of Mine: L.S. 3, Sec. 27, Tp. 12, Rge. 10, W. of the 4th Mer.
Area: 40 acres. Character of Coal: Domestic.
Thickness of Seam: 5 feet.
Thickness of Cover: 30 feet.

Alfred Jackson. (Mine No. 691).

Mine Office: Grassy Lake.
Overman: Alfred Jackson.
Mine Surveyor: J. A. H. Church.
Location of Mine: L.S. 15, Sec. 23, Tp. 9, Rge. 13, W. of the 4th Mer.
Area: 40 acres. Character of Coal: Domestic.
Thickness of Seam: 5 feet.
Thickness of Cover: 30 feet.

S. B. Breeding. (Mine No. 732).

Mine Office: Maleb P.O.
Overman: Samuel B. Breeding.
Mine Surveyor: J. A. H. Church.
Location of Mine: L.S. 13, Sec. 6, Tp. 8, Rge. 10, W. of the 4th Mer.
Area: 20 acres. Character of Coal: Domestic.
Thickness of Seam: 3 feet 6 inches.
Thickness of Cover: 40 feet.

Jules Lavenne. (Mine No. 751).

Mine Office: Winnifred P.O.
Overman: Jules Lavenne.
Mine Surveyor: J. A. H. Church.
Location of Mine: L.S. 2, Sec. 27, Tp. 12, Rge. 10, W. of the 4th Mer.
Area: 60 Acres. Character of Coal: Domestic.
Thickness of Seam: 5 feet 8 inches.
Thickness of Cover: 200 feet.

John Roth. (Mine No. 794).

Mine Office: Etzikom, P.O.
Overman: John Roth.
Mine Surveyor: J. A. H. Church.
Location of Mine: L.S. 6, Sec. 10, Tp. 7, Rge. 9, W. of the 4th Mer.
Area: 20 acres. Character of Coal: Domestic.
Thickness of Seam: 2 feet 6 inches.
Thickness of Cover: 100 feet.

W. H. Perry. (Mine No. 934).

Mine Office: Burdett.
Overman: W. H. Perry.
Location of Mine: L.S. 10, Sec. 36, Tp. 11, Rge. 11, W. of the 4th Mer.
Area: 40 acres. Character of Coal: Domestic.
Thickness of Seam: 2 feet 6 inches.
Thickness of Cover: 40 feet.

Geo. C. Dock. (Mine No. 944).

Mine Office: Etzikom.
Overman: Geo. C. Dock.
Location of Mine: L.S. 16, Sec. 10, Tp. 7, Rge. 9, W. of the 4th Mer.
Area: 20 acres. Character of Coal: Domestic.
Thickness of Seam: 2 feet 6 inches.
Thickness of Cover: 100 feet.

Vittorio Carriani. (Mine No. 1003).

Mine Office: Maleb.
 Overman: Vittorio Carriani.
 Mine Surveyor: J. A. H. Church.
 Location of Mine: L.S. 13, Sec. 6, Tp. 8, Rge. 10, W. of the 4th Mer.
 Area: 40 acres. Character of Coal: Domestic.
 Thickness of Seam: 3 feet 6 inches.
 Thickness of Cover: 35 feet.

Peter Barr. (Mine No. 1031).

Mine Office: Bow Island.
 Overman: Peter Barr.
 Location of Mine: L.S. 14, Sec. 22, Tp. 12, Rge. 10, W. of the 4th Mer.
 Area: 40 acres. Character of Coal: Domestic.
 Thickness of Seam: 5 feet 6 inches.
 Thickness of Cover: 150 feet.

MEDICINE HAT DISTRICT.—DISTRICT NO. 8.

Redcliff Brick & Coal Company, Limited.

Mine Office: Redcliff.
 Head Office: Minneapolis, Minn., U.S.A.
 Authorized Capital: \$900,000.00.
 Vice-President: F. H. Peterson.
 Directors: C. H. Kobler; W. P. Christian; S. H. Williams; F. H. Peterson;
 H. N. Owen; H. M. Leighton; E. Hoidale; E. H. Sellhorn; A. B. Cutts;
 M. J. Gunderson; J. S. McLean.
 Secretary: S. H. Williams.
 Treasurer: E. Hoidale.
 General Manager: E. H. Sellhorn.
 Mine Surveyor: Gordon L. Kidd.
 Location of Mine: L.S. 14, Sec. 5, Tp. 13, Rge. 6, W. of the 4th Mer.
 Area: 10,083 acres. Character of Coal: Domestic.
 Owner of Property: Redcliff Brick & Coal Company, Ltd.

(Mine No. 1065). COAL MINE.

Overman: J. M. Stratton.

The seam being worked has a thickness of four feet eight inches, with shale roof and pavement, the cover being 270 feet thick. Room and pillar system of working is adopted, the coal being undercut by compressed air operated machines of the Puncher type.

The plant has a capacity of 200 tons per day.

Open lights are used throughout the mine.

(Mine No. 765). SHALE MINE.

Overman: J. M. Stratton.

A seam of shale 9 feet thick is being worked at this mine, the product being utilized in the manufacturing of bricks.

Ross Clay Products Company, Limited. (Mine No. 332).

SHALE MINE.

Location of Mine: N.W. $\frac{1}{4}$, Sec. 9, Tp. 13, Rge. 6, W. of the 4th Mer.

This is a stripping pit, where 18 feet of dirt is removed to uncover a seam of shale 14 feet thick.

No work has been done at this mine during the year and it is now abandoned

Redcliff Pressed Brick Company, Limited. (Mine No. 379).

SHALE MINE.

Mine Office: Redcliff.
 Head Office: Redcliff.
 Authorized Capital: \$150,000.00.
 Vice-President: James Mitchell.
 Directors: James Hargreaves; A. W. Woodcock; James Mitchell; H. G. Sheasby; Dr. J. C. Hargreaves; H. J. Sissons.
 Secretary-Treasurer: Herbert J. Sissons.
 General Manager: Herbert J. Sissons.
 Overman: Andrew Learmonth.
 Mine Surveyor: Gordon L. Kidd.
 Location of Mine: L.S. 5, Sec. 9, Tp. 13, Rge. 6, W. of the 4th Mer.
 Area: 80 acres.

This mine is worked for producing shale, which is used in the brick plant, the seam is 14 feet in thickness, with 18 feet of cover.

W. J. Morrison. (Mine No. 602).

Mine Office: Little Plume.
 Overman: W. J. Morrison.
 Mine Surveyor: Gordon L. Kidd.
 Location of Mine: L.S. 11, Sec. 2, Tp. 9, Rge. 5, W. of the 4th Mer.
 Area: 20 acres. Character of Coal: Domestic.
 Thickness of Seam: 6 feet.

George Bragdich. (Mine No. 689).

STRIPPING PIT.

Mine Office: Thelma.
 Overman: G. Bragdich.
 Mine Surveyor: G. L. Kidd.
 Location of Mine: L.S. 5, Sec. 18, Tp. 7, Rge. 2, W. of the 4th Mer.
 Area: 20 acres. Character of Coal: Domestic.
 Thickness of Seam: 10 feet.
 Thickness of Cover: Varying from 5 feet to 20 feet.

Fred Rataushk. (Mine No. 718).

Mine Office: Eagle Butte.
 Overman: Fred Rataushk.
 Mine Surveyor: G. L. Kidd.
 Location of Mine: L.S. 15, Sec. 28, Tp. 8, Rge. 4, W. of the 4th Mer.
 Area: 40 acres. Character of Coal: Domestic.

John Oliphant. (Mine No. 772).

Mine Office: 559-1st Street, Medicine Hat, Alberta.
 Overman: John Oliphant.
 Mine Surveyor: G. L. Kidd.
 Location of Mine: L.S. 2, Sec. 5, Tp. 13, Rge. 6, W. of the 4th Mer.
 Area: 1,440 acres. Character of Coal: Domestic.
 Owner of Property: Ajax Coal Mining Company, Ltd., Medicine Hat.

The seam being worked has a thickness of 6 feet, with shale roof and pavement, the cover being 270 feet in thickness.

This mine is located on the South bank of the South Saskatchewan river, 7 miles West of Medicine Hat, and is entered by drifts driven in from the outcrop.

The method of working is room and pillar, the coal being undercut by electrically operated coal-cutting machines of the chain type.

Electrical power is purchased from the City of Medicine Hat.

A railway spur 7 miles in length connects the mine with the Canadian Pacific Railway main line.

Shaw, David & Taylor. (Mine No. 838).

Mine Office: Suffield.
 Overman: Fred Taylor.
 Location of Mine: L.S. 7, Sec. 28, Tp. 12, Rge. 10, W. of the 4th Mer.
 Area: 120 acres. Character of Coal: Domestic.
 Thickness of Seam: 4 feet 2 inches.
 Thickness of Cover: 120 feet.

Frank G. Johnson. (Mine No. 866).

Location of Mine: L.S. 10, Sec. 28, Tp. 12, Rge. 10, W. of the 4th Mer.
 This mine is abandoned.

Harry Last. (Mine No. 903).

Mine Office: Elkwater.
 Overman: John Hart.
 Mine Surveyor: Gordon L. Kidd.
 Location of Mine: L.S. 16, Sec. 23, Tp. 8, Rge. 3, W. of the 4th Mer.
 Area: 20 acres. Character of Coal: Domestic.

Jacob J. Schock. (Mine No. 925).

STRIPPING PIT.

Mine Office: Thelma.
 Location of Mine: L.S. 15, Sec. 12, Tp. 7, Rge. 3, W. of the 4th Mer.
 Area: 40 acres. Character of Coal: Domestic.
 Thickness of Seam: 6 feet.
 Thickness of Cover: 5 feet to 20 feet.

Aaron Smith & D. Turner. (Mine No. 936).

Mine Office: Suffield.
 Overman: Aaron Smith.
 Location of Mine: L.S. 1, Sec. 29, Tp. 12, Rge. 10, W. of the 4th Mer.
 Area: 20 acres. Character of Coal: Bituminous.
 Thickness of Seam: 2 feet.
 Thickness of Cover: 90 feet.

William Parnell. (Mine No. 1027).

Mine Office: Medicine Hat.
 Overman: William Parnell.
 Location of Mine: L.S. 1, Sec. 24, Tp. 12, Rge. 8, W. of the 4th Mer.

ALDERSYDE DISTRICT.—DISTRICT NO. 9

George Rhodes. (Mine No. 136).

Mine Office: Long Coulee.
 Overman: George Rhodes.
 Mine Surveyor: J. A. H. Church.
 Location of Mine: L.S. 7, Sec. 8, Tp. 15, Rge. 22, W. of the 4th Mer.
 Area: 10 acres. Character of Coal: Domestic.
 Thickness of Seam: 3 feet.
 Thickness of Cover: 80 feet.

Charles Farrell. (Mine No. 151).

Mine Office: Reid Hill.
Overman: Charles Farrell.
Mine Surveyor: J. A. H. Church.
Location of Mine: L.S. 15, Sec. 24, Tp. 16, Rge. 23, W. of the 4th Mer.
Area: 80 acres. Character of Coal: Domestic.
Thickness of Seam: 2 feet.
Thickness of Cover: 30 feet.

Isaac Bennett. (Mine No. 224).

Mine Office: Armada.
Overman: Isaac Bennett.
Location of Mine: L.S. 16, Sec. 29, Tp. 16, Rge. 21, W. of the 4th Mer.
Area: 20 acres. Character of Coal: Domestic.
Thickness of Seam: 2 feet 6 inches.
Thickness of Cover: 30 feet.

J. W. Ashmore. (Mine No. 296).

Mine Office: Champion.
Overman: J. W. Ashmore.
Mine Surveyor: J. A. H. Church.
Location of Mine: L.S. 1, Sec. 8, Tp. 16, Rge. 23, W. of the 4th Mer.
Area: 40 acres. Character of Coal: Domestic.
Thickness of Seam: 4 feet.
Thickness of Cover: 40 feet.

Johnson & Popovich. (Mine No. 476).

Overman: Franko Johnson.
Mine Surveyor: J. A. H. Church.
Location of Mine: L.S. 9, Sec. 33, Tp. 15, Rge. 23, W. of the 4th Mer.
Area: 80 acres. Character of Coal: Domestic.
Thickness of Seam: 4 feet 6 inches.
Thickness of Cover: 35 feet.

Evan Munton. (Mine No. 685).

Mine Office: Long Coulee.
Overman: Evan Munton.
Mine Surveyor: J. A. H. Church.
Location of Mine: L.S. 4, Sec. 17, Tp. 15, Rge. 21, W. of the 4th Mer.
Area: 40 acres. Character of Coal: Domestic.
Thickness of Seam: 3 feet 6 inches.
Thickness of Cover: 75 feet.

H. McNaughton. (Mine No. 739).

Mine Office: Champion.
Overman: W. E. Watkins.
Mine Surveyor: J. A. H. Church.
Location of Mine: L.S. 4, Sec. 9, Tp. 16, Rge. 23, W. of the 4th Mer.
Area: 40 acres. Character of Coal: Domestic.
Thickness of Seam: 4 feet.

Alec Fraser. (Mine No. 758).

Mine Office: Carmangay.
Overman: Alec Fraser.
Mine Surveyor: J. H. Turner.
Location of Mine: L.S. 14, Sec. 25, Tp. 14, Rge. 22, W. of the 4th Mer.
Area: 40 acres. Character of Coal: Domestic.
Thickness of Seam: 2 feet 3 inches.
Thickness of Cover: 85 feet.

Henry Farrar. (Mine No. 777).

Mine Surveyor: J. A. H. Church.
 Location of Mine: L.S. 9, Sec. 28, Tp. 15, Rge. 21, W. of the 4th Mer.
 Area: 20 acres. Character of Coal: Domestic.
 Thickness of Seam: 3 feet.
 Thickness of Cover: 20 feet.
 This mine is now abandoned.

James Ellis. (Mine No. 910).

Mine Office: Champion.
 Overman: James Ellis.
 Mine Surveyor: J. A. H. Church.
 Location of Mine: L.S. 1, Sec. 4, Tp. 16, Rge. 23, W. of the 4th Mer.
 Area: 40 acres. Character of Coal: Domestic.

H. McNaughton. (Mine No. 929).

Location of Mine: L.S. 1, Sec. 4, Tp. 16, Rge. 21, W. of the 4th Mer.
 Area: 20 acres. Character of Coal: Domestic.
 Thickness of Seam: 3 feet.
 Thickness of Cover: 30 feet.
 This mine is now abandoned.

J. J. Creighton. (Mine No. 941).

Location of Mine: N.W. $\frac{1}{4}$, Sec. 10, Tp. 19, Rge. 21, W. of the 4th Mer.
 Only prospecting work has been done at this mine, which is now abandoned.

James A. Batie. (Mine No. 963).

Mine Surveyor: J. A. H. Church.
 Location of Mine: Sec. 23, Tp. 18, Rge. 21, W. of the 4th Mer.
 Thickness of Seam: 2 feet 6 inches.
 Thickness of Cover: 50 feet.
 This mine is now abandoned.

Austin C. Brown. (Mine No. 1023).

Mine Office: Milo.
 Overman: J. A. Batie.
 Location of Mine: S.W. $\frac{1}{4}$, Sec. 27, Tp. 19, Rge. 21, W. of the 4th Mer.
 Thickness of Seam: 4 feet 6 inches.
 Thickness of Cover: 30 feet.
 Character of Coal: Domestic.
 Only prospecting work has been done at this mine.

Hetherington & Fraser. (Mine No. 1028).

Mine Office: Carmangay.
 Overman: Fred Hetherington.
 Location of Mine: L.S. 2, Sec. 36, Tp. 14, Rge. 22, W. of the 4th Mer.
 Character of Coal: Domestic.
 Thickness of Seam: 2 feet 6 inches.
 Thickness of Cover: 90 feet.

HIGH RIVER DISTRICT.—DISTRICT NO. 10

McPherson & Berkovich. (Mine No. 30).

Mine Office: Black Diamond.
 Overman: P. Berkovich.
 Location of Mine: L.S. 13, Sec. 8, Tp. 20, Rge. 2, W. of the 5th Mer.
 Area: 240 acres. Character of Coal: Sub-Bituminous.
 Thickness of Seam: 8 feet.

DuRocherville Mining Company, Limited. (Mine No. 735).

Mine Office: Nanton.

Head Office: Nanton.

Overman: Francis DuRocher.

Location of Mine: Sec. 4, Tp. 15, Rge. 3, W. of the 5th Mer.

Area: 230 acres.

Character of Coal: Sub-Bituminous.

The seam being worked has a thickness of from 2 to 8 feet, with hard sandstone roof and pavement, pitching 70 degrees, in a south-westerly direction. The mine produces 20 tons of coal per day, which is disposed of locally.

This mine is closed.

David B. Blacklock. (Mine No. 736).

Mine Office: Lineham.

Overman: David B. Blacklock.

Mine Surveyor: Gordon L. Kidd.

Location of Mine: L.S. 8, Sec. 2, Tp. 20, Rge. 3, W. of the 5th Mer.

Area: 200 acres.

Character of Coal: Sub-Bituminous.

Thickness of Seam: 4 feet 6 inches.

Thickness of Cover: 50 feet.

Edward Little. (Mine No. 858).

Mine Office: Longview.

Overman: J. W. Little.

Location of Mine: L.S. 1, Sec. 9, Tp. 18, Rge. 2, W. of the 5th Mer.

Area: 40 acres.

Character of Coal: Sub-Bituminous

Thickness of Seam: 6 feet.

C. R. Emery. (Mine No. 924).

Mine Office: Longview.

Overman: C. R. Emery.

Location of Mine: L.S. 14, Sec. 8, Tp. 18, Rge. 2, W. of the 5th Mer.

Area: 40 acres.

Character of Coal: Sub-Bituminous.

Francis DuRocher. (Mine No. 1004).

Mine Office: High River.

Overman: Francis DuRocher.

Location of Mine: L.S. 3, Sec. 8, Tp. 18, Rge. 2, W. of the 5th Mer.

Only prospecting work has been done at this mine.

Ernest Skeen. (Mine No. 1061).

Mine Office: Nanton.

Overman: J. H. Boyce.

Location of Mine: S.E. $\frac{1}{4}$, Sec. 35, Tp. 14, Rge. 4, W. of the 5th Mer.

Character of Coal: Sub-Bituminous.

The seam being worked is 15 feet thick, shale hanging wall and foot wall, and rises on an inclination of 35 degrees. All the output is disposed of locally.

CALGARY DISTRICT.—DISTRICT NO. 11

John Montgomery. (Mine No. 361).

Mine Office: Priddis.

Overman: John Montgomery.

Location of Mine: N.W. $\frac{1}{4}$, Sec. 7, Tp. 22, Rge. 3, W. of the 5th Mer.

Area: 160 acres.

Character of Coal: Sub-Bituminous.

Thickness of Seam: 6 feet.

Thickness of Cover: 30 feet.

Priddis Collieries. (Mine No. 916).

Mine Office: Priddis.
 Overman: Chas. Hulme.
 Location of Mine: S.W. $\frac{1}{4}$, Sec. 20, Tp. 22, Rge. 3, W. of the 5th Mer.
 Area: 160 acres. Character of Coal: Sub-Bituminous.
 Thickness of Seam: 6 feet.
 Thickness of Cover: 100 feet.

Herbert Jake. (Mine No. 1005).

Mine Office: Carstairs.
 Overman: Herbert Jake.
 Location of Mine: N.E. $\frac{1}{4}$, Sec. 34, Tp. 29, Rge. 1, W. of the 5th Mer.
 Area: 160 acres. Character of Coal: Sub-Bituminous.
 Thickness of Seam: 8 feet.
 Thickness of Cover: 30 feet.
 Prospecting work only was carried on, the mine at present being closed.

Messrs. Ross & Sanders. (Mine No. 1015).

Mine Office: Big Prairie.
 Overman: James Ross.
 Location of Mine: L.S. 13, Sec. 30, Tp. 29, Rge. 5, W. of the 5th Mer.
 Area: 160 Acres. Character of Coal: Sub-Bituminous.
 Thickness of Seam: 2 feet 6 inches.
 Thickness of Cover: 30 to 100 feet.
 This mine is at present closed.

CANMORE DISTRICT.—DISTRICT NO. 12

Canmore Coal Company, Limited (Mine No. 2).

Mine Office: Canmore.
 Head Office: Minersville, Pa.
 Authorized Capital: \$50,000.00.
 President: Jas. B. Neale.
 Secretary: Jas. Collins.
 Directors: Jas. B. Neale; S. B. Thorne; J. G. Thorp; Dr. Hayes; B. F. Crane; A. Stewart.
 Operating Officer: M. B. Morrow.
 Manager: William Musgrove.
 Overmen: Stewart Seam; Wm. G. Wilson; Carey Seam; Jas. Hill.
 Examiners: C. W. Fowers; P. M. Ramsay; A. J. McKinnon; Chas. Briggs; P. Hutchinson; J. Brennan; M. Warren; J. Wardrup; Jas. Reid; D. Thomson; Robt. Kerr; Jas. Cowan.
 Mine Surveyor: C. S. Dewis.
 Master Mechanic: H. W. Evans.
 Location of Mine: Sec. 29, Tp. 24, Rge. 10, W. of the 5th Mer.
 Area: 7,000 acres. Character of Coal: Bituminous.

There are two seams being worked in this mine, the Stewart which has a thickness of from 5 to 10 feet with sandstone roof and pavement, and the Carey having a thickness of 7 feet with sandstone roof and shale pavement, the strata pitching from 5 degrees to vertical.

The mine is entered by a slope driven in the Sedlock seam from the outcrop, cross-measure tunnels being driven to the other seams. No coal is being produced from the Sedlock seam.

The system of working is room and pillar across the pitch and the angle system where the pitch is above 45 degrees.

The following improvements and additions have been made during the year:

A cross compound High Pressure Air Compressor has been installed in the Power House, and a Marcus Screen in the tippie. One compound compressed Air Locomotive has been installed on the main haulage underground, and a compressed Air Locomotive has been placed in use on No. 2 level Stewart seam.

BANFF DISTRICT.—DISTRICT NO. 13

*Department of Natural Resources, Canadian Pacific Railway Company.*BANKHEAD MINE. (*Mine No. 80*).

Head Office: Montreal, Quebec.

Capitalization: Included in Canadian Pacific Railway.

President: E. W. Beatty.

Vice-President: Grant Hall.

Directors: Edward W. Beatty; Hon. Fred L. Beique, K.C.; Grant Hall;
 Sir Herbert S. Holt; Charles R. Hosmer; Col. Frank S. Meighen, C.M.G.;
 Sir Vincent Meredith, Bart.; Sir Augustus M. Nanton; Sir Edmund B.
 Osler; J. K. L. Ross; Rt. Hon. Lord Shaughnessy, K.C., V.O.; Hon.
 Wm. J. Shaughnessy, K.C.; Sir Thomas Skinner, Bart.; W. N. Tilley,
 K.C.

Secretary: Ernest Alexander.

Treasurer: H. E. Suckling.

Manager: P. L. Naismith.

General Superintendent: Lewis Stockett.

Superintendent: D. G. Wilson.

Area: 8,000 acres.

Character of Coal: Anthracite.

The Bankhead Mine was operated to April 1st, and permanently closed up on June 15th, since which time the electric light plant has been kept in operation to supply the town of Banff. The briquette plant commenced October 5th to finish up the remaining dust in the waste banks, and the material is being removed from the mine.

Location of Mine: Sec. 19, Tp. 26, Rge. 11, W. of the 5th Mer.

DRUMHELLER DISTRICT.—DISTRICT NO. 14

Joe Medloski. (Mine No. 299)

Mine Office: Rosebud.

Overman: Joe Medloski.

Mine Surveyor: G. L. Kidd.

Location of Mine: L.S. 13, Sec. 20, Tp. 26, Rge. 21, W. of the 4th Mer.

Area: 160 acres.

Character of Coal: Domestic.

Thickness of Seam: 3 feet 3 inches.

Thickness of Cover: 50 feet.

Newcastle Coal Company, Limited. (Mine No. 317)

Mine Office: Drumheller.

Head Office: Drumheller.

Authorized Capital: \$250,000.00.

President: Jesse Gouge.

Vice-President: Wilson Gouge.

Secretary: G. M. Coyle.

Directors: Jesse Gouge; G. M. Coyle; W. Gouge.

Manager: D. A. Macaulay.

Overman: John Conlin.

Mine Surveyor: D. A. Macaulay.

Examiners: John Eno and R. Young.

Master Mechanic: John W. Drummond.

Location of Mine: S.E. $\frac{1}{4}$, Sec. 9, Tp. 29, Rge. 20, W. of the 4th Mer.

Area: 400 acres.

Character of Coal: Domestic.

Owner of property: Newcastle Coal Company, Limited.

The No. 5 seam which is being operated at this mine has an average thickness of 4 feet, with shale roof and clay floor, lying almost horizontal, with a cover of from 30 to 300 feet in thickness.

The mine is located near Drumheller and is entered by means of a slope driven on an inclination of 20 degrees.

The system of working is room and pillar, the coal being undercut by electrically operated coal-cutting machines of the chain type.

Open lights are used throughout the mine.

The plant has a capacity of 850 tons per day.

Rosedale Coal Company, Limited. (Mine No. 346).

Mine Office: Rosedale.
 Head Office: 43 Victoria St., Toronto, Ont.
 Authorized Capital: \$1,500,000.00.
 President: R. G. Thompson.
 Vice-President: W. C. Robertson.
 Secretary: H. S. Gausby.
 Superintendent: W. A. Davidson.
 Mine Manager: T. O. Donnell.
 Mine Surveyor: T. O. Donnell.
 Master Mechanic: A. Grant.
 Location of Mine: L.S. 14, Sec. 28, Tp. 28, Rge. 19, W. of the 4th Mer.
 Area: 14,000 acres. Character of Coal: Domestic.
 Owner of Property: Rosedale Coal Company, Limited.

The No. 1 seam which is being worked at this mine has a thickness of 8 feet 6 inches with shaly sandstone roof and shale pavement, the cover overlying the seam being from 38 feet to 350 feet in thickness. Only the upper 4½ feet of the seam is being worked. The system of working is room and pillar, the coal being undercut by electrically operated coal-cutting machines of the Chain type.

Open lights are used throughout the mine.

The mine is located at Rosedale and is entered by shafts, the plant having a capacity of 1,000 tons per day; present output 750 tons per day.

Improvements:

Installation of transmission line, alternating current; one Sullivan coal-cutting machine and 50-Horse Power fan Motor.

Rose Deer Coal Mining Company, Limited. (Mine No. 347).

Mine Office: Wayne.
 Head Office: 229 Eighth Ave. West, Calgary, Alberta.
 Authorized Capital: \$1,000,000.00.
 President: Alex. Smith.
 Secretary-Treasurer: L. A. Tupper.
 Manager: Peter Allen.
 Overman: William Allen.
 Mine Surveyor: Peter Allen.
 Examiner: Walter Fyfe.
 Location of Mine: L.S. 13, Sec. 7, Tp. 28, Rge. 19, W. of the 4th Mer.
 Area: 6,000 acres. Character of Coal: Domestic.
 Owner of Property: Rose Deer Coal Mining Company, Ltd.

The No. 1 seam which is being worked at this mine is 7 feet in thickness with shale roof and clay pavement, the cover having an average thickness of 350 feet.

The mine is entered by means of a slope.

The system of working is room and pillar, mining being done in the clay in the centre of the seam by electrically operated coal-cutting machines of the Arc-wall type.

Open lights are used throughout the mine.

Improvements:

Extension of Main and Tail rope haulage 3,000 feet. Installation of electrically operated endless rope haulage from slope to the tippie, which has been completely rebuilt, also an electrically operated box car loader of the belt type, replacing a steam operated loader of the Pusher type.

The plant has a capacity of 1,000 tons per day, the present output being 800 tons.

Callie Coal Company, Limited. (Mine No. 349).

(CLOSED)

Mine Office: Drumheller.
 Authorized Capital: \$150,000.00.
 President: A. N. Walker.
 Secretary-Treasurer: W. S. Skinner.
 Overman: W. Davies.
 Location of Mine: L.S. 14, Sec. 2, Tp. 29, Rge. 20, W. of the 4th Mer.
 Area: 596 acres. Character of Coal: Domestic.
 Thickness of Seam: 8 feet.
 Thickness of Cover: 80 to 250 feet.

This mine is entered by a slope driven on an inclination of 19 degrees. The system of working is room and pillar. Edison and Wolfe Safety Lamps are used underground by the workmen and officials.

The plant was destroyed by fire, the mine being closed at present.

Midland Collieries. (Mine No. 367).

Operated by Eastern Trust Co. in Trust for the Bond Holders.

Mine Office: Midlandvale.

Authorized Capital: \$300,000.00.

General Manager: W. S. Henderson.

Mine Manager: A. G. Macaulay.

Overman: James Nicol.

Mine Surveyor: A. G. Macaulay.

Examiner: G. Clarke.

Location of Mine: L.S. 10, Sec. 9, Tp. 29, Rge. 20, W. of the 4th Mer.

Area: 1,240 acres.

Character of Coal: Domestic.

The No. 1 seam which is being worked at this mine has a thickness of 6 feet, with a shale roof and clay pavement, the cover having an average thickness of 250 feet.

The mine is entered by a slope driven on an inclination of 19 degrees.

The system of working is room and pillar, the coal being undercut by compressed air coal-cutting machines, of the Rand Radial post type.

Wolfe and Edison safety lamps are used throughout the mine.

No improvements have been made during the year.

North American Collieries, Limited. (Mine No. 402).

Mine Office: Nacmine.

Head Office: 904 Lancaster Building, Calgary, Alberta.

Authorized Capital: \$1,000,000.00.

President: H. A. Lovett, K.C.

Vice-President: Hugh Mackay, K.C.

Directors: B. Curry; H. A. Lovett, K.C.; R. M. Ballantyne; J. W. Pyke; J. M. Mackie.

Secretary: D. Macneil.

Treasurer: T. C. Boyd.

General Manager: W. J. Dick.

Manager: Joseph B. De Hart.

Overman: Alex. Crawford.

Mine Surveyor: Joseph B. De Hart.

Examiners: Ed. Richards; R. Graham; T. Coxon; T. Campbell; J. Evans.

Location of Mine: On road allowance, on East side of Sec. 7, Tp. 29, Rge. 20, W. of the 4th Mer.

Area: 3,500 acres.

Character of Coal: Domestic.

The No. 1 seam which is being worked at this mine has a thickness of 5 feet 6 inches, with shale roof and clay pavement, the cover having a thickness of from 200 to 400 feet.

The system of working is room and pillar, the coal being undercut by compressed air machines of the Puncher type.

Cap lamps of the Edison electric type are used by the miners and Wolfe lamps by the officials.

Present output is 500 tons in eight hours.

The seam is entered by means of shafts 200 feet in depth.

Improvements:

A Conveyor has been installed to convey the rock picked off the picking table to the rock bin.

Great West Coal Company, Limited. (Mine No. 436).

Mine Office: Aerial.
 Head Office: Brandon, Man.
 Authorized Capital: \$50,000.00.
 President: J. R. Brodie.
 Vice-President: G. G. Gibson.
 Directors: J. R. Brodie; G. G. Gibson; Mabel Brodie.
 Secretary-Treasurer: G. G. Gibson.
 Manager: J. D. Thomas.
 Overman: D. Picton.
 Examiner: J. Molyneux.
 Mine Surveyor: J. D. Thomas.
 Location of Mine: L.S. 7, Sec. 28, Tp. 28, Rge. 19, W. of the 4th Mer.
 Area: 240 Acres. Character of Coal: Domestic.
 Owner of Property: Great West Coal Company, Limited.
 The No. 1 seam is being operated at this mine, having an average thickness of 6 feet, with shale roof and clay floor, the cover being from 20 to 320 feet in thickness.
 The mine is entered by means of drifts.
 The system of working is room and pillar. Open lights are used throughout the mine. The plant has a capacity of 400 tons.
 Improvements:
 Two Sullivan electrically operated coal-cutting machines of the Chain type have been installed underground.

Premier Coal Company, Limited. (Mine No. 439).

Mine Office: Drumheller.
 Authorized Capital: \$50,000.00.
 President: A. H. Gibson.
 Secretary-Treasurer: G. N. Strong.
 General Manager: J. K. Miller.
 Overman: E. Reid.
 Examiner: William Shepard.
 Mine Surveyor: G. L. Kidd.
 Location of Mine: L.S. 3, Sec. 10, Tp. 29, Rge. 20, W. of the 4th Mer.
 Area: 160 acres. Character of Coal: Domestic.
 The No. 5 seam which is being operated at this mine has an average thickness of 4 feet 6 inches, with sandstone roof and clay floor, the cover being from 30 feet to 100 feet in thickness.
 The mine is entered by means of a slope driven on an inclination of 15 degrees.
 The system of working is room and pillar. Open lights are used throughout the mine. The coal is undercut by Sullivan electrically operated coal-cutting machines of the Chain type.
 The plant has a capacity of 200 tons per day.

Burton Thomas Brooks. (Mine No. 464).

Mine Office: Drumheller.
 Overman: Burton T. Brooks.
 Mine Surveyor: G. L. Kidd.
 Location of Mine: L.S. 4, Sec. 23, Tp. 29, Rge. 20, W. of the 4th Mer.
 Area: 100 acres. Character of Coal: Domestic.
 The No. 7 seam which is being operated at this mine has a thickness of 5 feet 8 inches with 1 foot 6 inches of bone in the centre, with clay roof and floor.
 The mine is located 3½ miles from Drumheller and is entered by drifts.
 The system of working is room and pillar.
 The output is disposed of to the settlers.
 Open lights are used throughout the mine.

Alberta Block Coal Company, Limited (Mine No 620)

Mine Office: Drumheller.
 Authorized Capital: \$200,000.00.
 President: G. N. Coyle.
 Vice-President: Wilson Gouge.
 Secretary: Jesse Gouge.
 Directors: Jesse Gouge; G. N. Coyle; W. Gouge.

Mine Manager: D. A. Macaulay.
Overman: T. E. Moore.
Examiners: C. Chapman; A. G. Briggs.
Mine Surveyor: D. A. Macaulay.
Master Mechanic: J. W. A. Drummond.
Location of Mine: N.W. $\frac{1}{4}$, Sec. 3, Tp. 29, Rge. 20, W. of the 4th Mer.
Area: 300 acres. Character of Coal: Domestic.
Owner of Property: Alberta Block Coal Company, Limited.

No. 5 seam is being operated at this mine, having an average thickness of 4 feet 8 inches, with a sandstone roof and clay floor, the average cover being 300 feet in thickness.

The mine is entered by means of shafts.

The system of working is room and pillar, the coal being undercut by electrically operated machines of the Chain type.

The plant has a capacity of 800 tons per day.

Open lights are used throughout the mine.

Western Commercial Company, Limited. (Mine No. 640).

Mine Office: Wayne.
Authorized Capital: \$1,500,000.00.
Directors: P. Laurendeau; R. Besse; T. H. Lancaster; J. Raby; W. Law; C. C. Whyte.
Manager: H. R. Brown.
Overman: D. Roberts.
Examiners: E. Roberts; P. Hetherington.
Mine Surveyor: H. R. Brown.
Location of Mine: L.S. 1, Sec. 7, Tp. 28, Rge. 19, W. of the 4th Mer.
Area: 300 acres. Character of Coal: Domestic.
Owner of Property: Western Commercial Company, Limited.

The No. 1 seam which is being worked has an average thickness of between 8 and 9 feet with 6 inches of clay and 8 to 10 inches of bone in the centre of the seam.

The system of working is room and pillar, the mining being done in the clay by compressed air operated coal-cutting machines of the Rand Radial Post type.

The mine is entered by a slope 91 feet in length on an inclination of 15 degrees.

Open lights are used throughout the mine.

The plant has a capacity of 800 tons per day.

Jewell Collieries, Limited. (Mine No. 643).

Mine Office: Wayne.
Head Office: 227 8th Ave. West, Calgary, Alberta.
Authorized Capital: \$250,000.00.
President: W. S. Henderson.
Directors: W. S. Henderson; W. S. Taylor.
Mine Manager: William Foster.
Mine Surveyor: A. G. Macaulay.
Examiner: J. O. Jones.
Location of Mine: L.S. 6, Sec. 7, Tp. 28, Rge. 19, W. of the 4th Mer.
Area: 485 acres. Character of Coal: Domestic.
Owner of Property: Jewell Collieries, Limited.

The No. 1 seam which is being worked at this mine has an average thickness of 6 feet with shale roof and clay pavement, with cover of from 30 to 300 feet in thickness.

The mine is entered by a slope and shaft. The shaft is used for hoisting coal and the slope as a travelling way.

The system of working is room and pillar, the seam being undercut by electrically operated coal-cutting machines of the Chain type.

The plant has a capacity of 500 tons per day.

Open lights are used throughout the mine.

J. N. Murray. (Mine No. 675).

Mine Office: Rosedale.

Head Office: Drumheller.

Overman: Gordon Murray.

Mine Surveyor: G. L. Kidd.

Location of Mine: L.S. 12, Sec. 28, Tp. 27, Rge. 18, W. of the 4th Mer.

Area: 300 acres.

Character of Coal: Domestic.

The No. 1 seam which is being operated at this mine has an average thickness of 7 feet with sandstone roof, the cover having an average thickness of 200 feet.

The mine is operated on the room and pillar system.

Open lights are used throughout the mine.

Western Gem Coal Company, Limited. (Mine No. 678).

Mine Office: Drumheller.

Authorized Capital: \$750,000.00.

President: W. S. Henderson.

Vice-President: J. A. Henderson.

Directors: Dr. D. P. Robertson; J. A. Henderson; D. D. Christie; D. S. Robertson; W. A. Gamble.

Manager: A. G. Macaulay.

Overman: J. H. Marsh.

Mine Surveyor: A. G. Macaulay.

Examiners: H. Wolff; H. Smith.

Location of Mine: L.S. 13, Sec. 10, Tp. 29, Rge. 20, W. of the 4th Mer.

Area: 320 acres.

Character of Coal: Domestic.

Owner of Property: Western Gem Coal Company, Limited.

The No. 5 seam which is being operated has an average thickness of 4 feet 6 inches with a sandstone roof and clay pavement, the cover having a thickness of 50 to 300 feet.

The mine is entered by means of shafts. The system of working is room and pillar. The seam is undercut by electrically operated coal-cutting machines of the Chain type.

The plant has a capacity of 600 tons per day.

Open lights are used throughout the mine.

Improvements:

Alterations have been made to the tipple for the better preparation of coal, the construction of an elevated track to carry off slack and bone to the waste heap, and the erection of cover over the picking belts to protect the screenmen in the cold weather.

Atlas Coal Company, Limited. (Mine No. 684).

Mine Office: Drumheller.

Authorized Capital: \$50,000.00.

President: James Holden.

Vice-President: Omar H. Patrick.

Secretary-Treasurer: James McCulloch.

Manager: James Holden.

Overman: James McCulloch.

Examiner: A. Poole.

Mine Surveyor: G. L. Kidd.

Location of Mine: L.S. 2, Sec. 10, Tp. 29, Rge. 20, W. of the 4th Mer.

Area: 120 acres.

Character of Coal: Domestic.

Owner of Property: Drumheller Land Company, Limited.

The No. 5 seam which is being worked at this mine has an average thickness of 5 feet with sandstone roof and clay pavement with a cover of 20 feet in thickness.

The mine is entered by means of a slope driven on an inclination of 15 degrees; the system of working is room and pillar. The coal is undercut by coal-cutting machines of the Chain type; also mined in the rock above the coal by machines of the Arc-Wall type. Both types of machine are operated by electricity.

The plant has a capacity of 650 tons per day.

Open lights are used throughout the mine.

Scranton Coal Company, Limited. (Mine No. 695).

Mine Office: Drumheller.

Authorized Capital: \$50,000.00.

President: B. K. Bullock.

Manager: W. Watson.

Examiner: G. Luck.

Mine Surveyor: G. L. Kidd.

Location of Mine: L.S. 5, Sec. 10, Tp. 29, Rge. 20, W. of the 4th Mer.

Area: 240 acres.

Character of Coal: Domestic.

Owner of Property: Scranton Coal Company, Limited.

The workings at this mine are in the No. 1 seam, which has an average thickness of 5 feet 6 inches above the clay with shale roof and clay pavement, the cover having an average thickness of 100 feet.

The mine is entered by means of shafts; the system of working is room and pillar, mining being done in the rock above the coal by electrically operated machines of the Arc-wall type.

The plant has a capacity of 400 tons per day.

Open lights are used throughout the mine.

Celtic Coal Company, Limited. (Mine No. 697).

Mine Office: Wayne.

Authorized Capital: \$150,000.00.

President: Peter Allen.

Vice-President: H. Grover.

Secretary: D. Roberts.

Treasurer: W. C. Allen.

Manager: A. Higgins.

Mine Surveyor: Peter Allen.

Examiner: R. M. Jones.

Location of Mine: L.S. 7, Sec. 18, Tp. 28, Rge. 19, W. of the 4th Mer.

Area: 520 acres.

Character of Coal: Domestic.

The No. 2 seam which is being worked at this mine has an average thickness of 3 feet 2 inches with shale roof and clay pavement, the cover having an average thickness of 250 feet.

The mine is entered by means of a slope driven on an inclination of 15 degrees.

The system of working is longwall, the seam being undercut by an electrically operated machine of the Longwall Chain type.

The plant has a capacity of 250 tons per day.

Open lights are used throughout the mine.

Alberta Superior Coal Company. (Mine No. 701).

Mine Office: Drumheller.

Overman: John Givens.

Mine Surveyor: G. L. Kidd.

Location of Mine: L.S. 10, Sec. 11, Tp. 29, Rge. 20, W. of the 4th Mer.

Area: 160 acres.

Character of Coal: Domestic.

The No. 5 seam which is being worked at this mine has an average thickness of 4 feet 6 inches with a cover of from 50 to 250 feet in thickness.

The system of working is room and pillar.

Open lights are used throughout the mine.

Excelsior Collieries, Limited. (Mine No. 703).

Mine Office: Wayne.

Head Office: 11th St. and 11th Ave West, Calgary, Alberta.

President: S. Burnand.

Secretary-Treasurer: Fred Naylor.

Directors: S. Burnand; F. Naylor; J. Blair; Dr. Graham; E. H. Crandell.

Overman: John Blair.

Mine Surveyor: G. L. Kidd.

Location of Mine: L.S. 3, Sec. 7, Tp. 27, Rge. 19, W. of the 4th Mer.

Area: 300 acres.

Character of Coal: Domestic

Owner of Property: Excelsior Collieries, Limited.

The No. 1 seam which is being worked at this mine is 8 feet thick with 7 inches of clay and 8 inches of shale in the centre, the cover being from 40 to 200 feet in thickness.

The system of working is room and pillar.

The capacity of the plant is 150 tons per day.

Open lights are used throughout the mine.

Improvements:

An addition, 18 feet by 18 feet, has been built onto the washhouse.

Marzoli & Company. (Mine No. 734).

Mine Office: Rosedale Station P.O.

Overman: J. R. Miller.

Mine Surveyor: G. L. Kidd.

Location of Mine: L.S. 11, Sec. 21, Tp. 28, Rge. 19, W. of the 4th Mer.

Area: 160 acres.

Character of Coal: Domestic.

The No. 1 seam which is being worked at this mine is 7 feet 3 inches in thickness with 6 inches of clay and 8 inches of bone in the centre of the seam, the cover being 100 feet in thickness.

The system of working is room and pillar.

The capacity of the plant is 100 tons per day.

Open lights are used throughout the mine.

Sunshine Coal Company, Limited (Mine No. 737).

Mine Office: Wayne.

Authorized Capital: \$50,000.00.

President: Santo Stocco.

Secretary-Treasurer: Giovanni Cicone.

Overman: J. Sandino.

Mine Surveyor: G. L. Kidd.

Area: 100 acres.

Character of Coal: Domestic.

Location of Mine: L.S. 6, Sec. 19, Tp. 28, Rge. 19, W. of the 4th Mer.

The No. 2 seam which is being worked at this mine is 3 feet 2 inches in thickness with shale roof and clay pavement, the cover being from 30 to 300 feet in thickness.

The mine is entered by a slope having an inclination of 15 degrees. The system of working is room and pillar. The coal is undercut by electrically operated coal-cutting machines of the Chain type.

The plant has a capacity of 250 tons per day.

Open lights are used throughout the mine.

Moonlight Coal Company, Limited. (Mine No. 766).

Mine Office: Aerial.

Overman: Giovanni Michielin.

Mine Surveyor: G. L. Kidd.

Location of Mine: L.S. 16, Sec. 16, Tp. 28, Rge. 19, W. of the 4th Mer.

Area: 40 acres.

Character of Coal: Domestic.

The No. 1 seam which is being worked at this mine is 6 feet 2 inches in height with 6 inches of clay and 8 inches of bone in the centre of the seam with shale roof and clay pavement, the cover having a thickness of 100 feet.

The system of working is room and pillar.

Open lights are used throughout the mine.

Shamrock Coal Company, Limited. (Mine No. 770).

Mine Office: Rosedale.

Overman: S. Davies.

Mine Surveyor: G. L. Kidd.

Location of Mine: L.S. 1C, Sec. 20, Tp. 28, Rge. 19, W. of the 4th Mer.

Area: 100 acres.

Character of Coal: Domestic.

The No. 1 seam which is being worked at this mine is 6 feet in thickness, having two feet of bone in the centre of the seam, with shale roof and clay pavement, the cover being 200 feet in thickness.

The system of working is room and pillar.

Open lights are used throughout the mine.

Hy-Grade Coal Company of Drumheller, Limited. (Mine No. 776).

Mine Office: Drumheller.

Authorized Capital: \$300,000.00.

President: H. C. McConkey.

Vice-President: J. J. Best.

Managing Director: H. C. McConkey.

Directors: D. G. Adams; T. P. Dunn.

Manager: H. Crowder.

Examiner: J. Barclay.

Mine Surveyor: G. L. Kidd.

Location of Mine: L.S. 4, Sec. 11, Tp. 29, Rge. 20, W. of the 4th Mer.

Area: 200 acres.

Character of Coal: Domestic.

Owner of Property: Drumheller Land Company, Limited.

The No. 5 seam which is being worked at this mine is 5 feet in thickness, with sandstone roof and clay pavement, the cover being 22 feet in thickness.

The system of working is room and pillar. The coal is undercut by coal-cutting machines, electrically operated, of the Chain type. The capacity of the plant is 700 tons per day.

The seam is entered by means of a slope driven on an inclination of 20 degrees. Open lights are used throughout the mine.

Alexander Johnson. (Mine No. 782).

Mine Office: Beynon.

Overman: Alexander Johnson.

Mine Surveyor: G. L. Kidd.

Location of Mine: L.S. 14, Sec. 31, Tp. 27, Rge. 20, W. of the 4th Mer.

Area: 40 acres. Character of Coal: Domestic.

Thickness of Seam: 4 feet 9 inches. Thickness of Cover: 80 feet.

Tabor Coal Mining Company. (Mine No. 813).

Mine Office: Rosedale.

Authorized Capital: \$25,000.00.

President: W. J. Tabor.

Vice-President: S. S. Bassett.

Directors: C. C. Church, A. M. Dunn, J. W. McKune.

Overman: J. Douglas.

Mine Surveyor: G. L. Kidd.

Location of Mine: N.W. $\frac{1}{4}$ Sec. 11, Tp. 28, Rge. 19, W. of the 4th Mer.

Area: 160 acres.

Character of Coal: Domestic.

Thickness of Seam: 7 feet.

Thickness of Cover: 30 to 150 feet.

This mine is abandoned.

J. L. & Joe Debrinski. (Mine No. 815).

Mine Office: Rosebud.

Overman: Joe Debrinski.

Mine Surveyor: G. L. Kidd.

Location of Mine: L.S. 13, Sec. 33, Tp. 27, Rge. 21, W. of the 4th Mer.

Area: 40 acres.

Character of Coal: Domestic.

Thickness of Seam: 4 feet.

Thickness of Cover: 30 feet.

Newcastle Junior Mining Company, Limited. (Mine No. 816).

Mine Office: Drumheller.

Head Office: Drumheller.

Paid up Capital: \$290,816.00.

President: D. A. Macaulay.

Vice-President: Wilson Gouge.

Directors: D. A. Macaulay; W. Gouge; J. G. Dewar.

Secretary: J. G. Dewar.

Manager: D. A. Macaulay.

Overman: P. J. Murphy.

Mine Surveyor: D. A. Macaulay.

Examiner: Peter Miller.

Location of Mine: L.S. 9, Sec. 3, Tp. 29, Rge. 20, W. of the 4th Mer.

Area: 260 acres.

Character of Coal: Domestic.

Owner of Property: Newcastle Junior Mining Company, Ltd.

The No. 5 seam which is being worked at this mine is 4 feet 8 inches in thickness with sandstone roof and clay pavement, the cover being from 40 to 300 feet in thickness.

The system of working is room and pillar; the coal is undercut by Chain type coal-cutting machines which are electrically operated.

The seam is entered by means of shafts. The plant has a capacity of 700 tons per day. Open lights are used throughout the mine.

Elgin Coal Company, Limited. (Mine No. 819).

Mine Office: Drumheller.
 Authorized Capital: \$50,000.00.
 President: Wm. McVeigh.
 Vice-President: H. K. Reid.
 Secretary: H. K. Reid.
 Manager: J. Thomas.
 Overman: J. Fyvie.
 Examiner: D. McAskill.
 Mine Surveyor: G. L. Kidd.

Location of Mine: L.S. 14, Sec. 2, Tp. 29, Rge. 20, W. of the 4th Mer.
 Area: 235 acres. Character of Coal: Domestic.

Owner of Property: Drumheller Land Company, Limited.

The No. 5 seam which is being worked at this mine is 4 feet 6 inches in thickness, with sandstone roof and clay pavement, the cover being 42 feet in thickness. The seam is entered by means of shafts. The system of working is room and pillar. The capacity of the plant is 400 tons per day. The coal is undercut by electrically operated coal-cutting machines of the Chain type. Open lights are used throughout the mine.

Ideal Coal Company, Limited. (Mine No. 844).

Mine Office: Wayne.
 Authorized Capital: \$150,000.00.
 President: T. M. McGuckie.
 Vice-President: B. A. McEwen.
 Secretary-Treasurer: W. A. Ross.
 Manager: T. M. McGuckie.
 Overman: J. Redpath.
 Examiner: R. Taylor.
 Mine Surveyor: Peter Allen.

Location of Mine: L.S. 16, Sec. 1, Tp. 28, Rge. 20, W. of the 4th Mer.
 Area: 350 acres. Character of Coal: Domestic.

The No. 1 seam which is being worked at this mine is 9 feet in thickness, having 6 inches of clay and 8 inches of bone in the centre of the seam, with a shale roof and clay pavement, the cover being 300 feet in thickness.

The seam is entered by means of a slope driven on an inclination of 20 degrees.

The system of working is room and pillar.

The plant has a capacity of 250 tons per day.

Open lights are used throughout the mine.

Mid-West Collieries, Limited. (Mine No. 848).

Mine Office: Drumheller.
 Authorized Capital: \$250,000.00.
 President: W. E. Morgan.
 Secretary-Treasurer: J. A. O'Conner.
 General Manager: T. M. McEwen.
 Manager: Wm. Jordon.
 Overman: Bernard Nugent.

Location of Mine: L.S. 7, Sec. 2, Tp. 29, Rge. 20, W. of the 4th Mer.

Area: 400 acres. Character of Coal: Domestic.

The No. 5 seam which is being worked at this mine is 5 feet in thickness, with sandstone roof and clay pavement, the cover being from 50 to 250 feet in thickness.

The seam is entered by means of shafts. The system of working is room and pillar. The coal is undercut by coal-cutting machines of the Chain type, electrically operated.

The capacity of the plant is 750 tons per day.

Open lights are used throughout the mine.

Improvements:

The spur track has been extended 300 feet; an office, blacksmith shop, and 25 new mine cars have been built; and two new electrically operated coal-cutting machines have been installed.

Gibson Collieries, Limited. (Mine No. 989).

Mine Office: Drumheller.
 Authorized Capital: \$250,000.00.
 President: A. H. Gibson.
 Secretary: H. C. McConkey.
 Manager: David Shanks.
 Overman: James Saunt.
 Examiner: J. Watkins.
 Mine Surveyor: G. L. Kidd.

Location of Mine: L.S. 6, Sec. 2, Tp. 29, Rge. 29, W. of the 4th Mer.

Area: 1,400 acres.

Character of Coal: Domestic.

The No. 5 seam which is being worked at this mine is 4 feet in thickness, with shale and sandstone roof and clay pavement, the cover being from 60 to 200 feet in thickness.

The seam is entered by means of shafts. The system of working is room and pillar. The coal is undercut by electrically operated coal-cutting machines of the Chain type.

The plant has a capacity of 1,000 tons per day.

Open lights are used throughout the mine.

P. Stahl & J. Wurz. (Mine No. 906).

Mine Office: Rockyford.
 Overman: Fred Bruderck.
 Mine Surveyor: C. Clements.

Location of Mine: L.S. 14, Sec. 23, Tp. 27, Rge. 23, W. of the 4th Mer.

Area: 160 acres.

Character of Coal: Domestic.

Thickness of Seam: 6 feet.

Thickness of Cover: 70 feet.

Unity Collieries, Limited. (Mine No. 918).

Mine Office: Kilpatrick.
 Authorized Capital: \$100,000.00.
 Managing Director: E. J. Murray.
 Directors: J. W. A. Drummond; E. J. Murray; R. J. Nixon.
 Overman: Francis Scarpino.
 Mine Surveyor: G. L. Kidd.

Location of Mine: L.S. 5, Sec. 14, Tp. 29, Rge. 21, W. of the 4th Mer.

Area: 160 Acres.

Character of Coal: Domestic.

The No. 5 seam worked at this mine is 3 feet 6 inches thick, with sandstone roof and hard clay pavement, the cover being 250 feet in thickness.

The system of working is room and pillar.

The plant has a capacity of 35 tons per day.

The seam is entered by means of a slope driven on an inclination of 20 degrees.

Open lights are used throughout the mine.

Improvements:

Installed 100-Horse Power Boiler and air compressor; two switch tracks connecting to the C.P.R. Carbon to Drumheller branch, and buildings erected for office and dining room.

Robert Taylor. (Mine No. 931).

Mine Office: Rosedale.
 Overman: Robert Taylor.
 Mine Surveyor: B. L. Thorne.

Location of Mine: Sec. 20, Tp. 27, Rge. 18, W. of the 4th Mer.

Area: 40 acres.

Character of Coal: Domestic.

The No. 1 seam is being operated at this mine and is 6 feet 6 inches in thickness, with sandstone roof and floor, the cover being from 50 to 250 feet in thickness.

The seam is entered by drifts.

The system of working is room and pillar.

Open lights are used throughout the mine.

Mike Gilday. (Mine No. 972).

Mine Office: Drumheller.
 Overman: George Luck.
 Mine Surveyor: G. L. Kidd.
 Location of Mine: L.S. 7, Sec. 22, Tp. 29, Rge. 20, W. of the 4th Mer.
 Area: 200 acres. Character of Coal: Domestic.
 Thickness of Seam: 4 feet.
 Thickness of Cover: 150 feet.

Sheffield Collieries, Limited. (Mine No. 974).

Mine Office: Wayne.
 Overman: James Bowie.
 Mine Surveyor: G. L. Kidd.
 Location of Mine: L.S. 9, Sec. 19, Tp. 28, Rge. 19, W. of the 4th Mer.
 Area: 160 acres. Character of Coal: Domestic.
 Thickness of Seam: 3 feet 3 inches.
 Thickness of Cover: 250 feet.

H. Edwards. (Mine No. 985).

Mine Office: Drumheller.
 Overman: Charles Hulme.
 Mine Surveyor: G. L. Kidd.
 Location of Mine: S.W. $\frac{1}{4}$, Sec. 14, Tp. 29, Rge. 20, W. of the 4th Mer.
 Area: 160 acres. Character of Coal: Domestic.
 Thickness of Seam: 4 feet.
 Thickness of Cover: 200 feet.
 This mine is now closed.

William Watson. (Mine No. 1008).

Mine Office: Midlandvale.
 Overman: Arthur D'Altroy.
 Mine Surveyor: G. L. Kidd.
 Location of Mine: Sec. 11, Tp. 29, Rge. 20, W. of the 4th Mer.
 Area: 80 acres. Character of Coal: Domestic.
 Thickness of Seam: 4 feet.
 Thickness of Cover: 200 feet.

J. A. Rouse. (Mine No. 1017).

Mine Office: Beynon.
 Overman: George Snarey.
 Mine Surveyor: G. L. Kidd.
 Location of Mine: S.W. $\frac{1}{4}$, Sec. 6, Tp. 28, Rge. 24, W. of the 4th Mer.
 Area: 160 acres. Character of Coal: Domestic.
 Thickness of Seam: 3 feet 6 inches.
 Thickness of Cover: 18 to 80 feet.

BIG VALLEY DISTRICT.—DISTRICT NO. 15

Big Valley Collieries, Limited. (Mine No. 364).

Mine Office: Big Valley.
 Authorized Capital: \$50,000.00.
 President: John Gillespie.
 Vice-President: A. Albertson.
 General Manager: A. Albertson.
 Manager: John Robertson.
 Secretary-Treasurer: F. T. Aitken.
 Mine Surveyor: D. Jones.
 Location of Mine: N.W. $\frac{1}{4}$, Sec. 1, Tp. 36, Rge. 20, W. of the 4th Mer.
 Area: 1,300 acres. Character of Coal: Domestic.

The seam has a thickness of 6 feet, with shale roof and pavement, the cover being from 20 to 125 feet. The mine is entered by a slope 35 feet in length on an inclination of 15 degrees. The room and pillar system of mining is adopted, the coal being undercut by electrically operated coal-cutting machines of the Chain type. The Plant has a capacity of 500 tons of coal per day, the mine cars holding 2,400 lbs. Open lights are used throughout the mine.

The following improvements have been made:

A New Power House has been built; a 72-K.W. three-phase A.C. generator, belt driven by a high speed Corliss type steam engine, installed and put in operation; also electrically operated coal-cutting machines of the Chain type, and a new tippie equipped with shaker screens.

Clyde M. Wooden. (Mine No. 471).

Mine Office: Scollard.

Overman: C. M. Wooden.

Location of Mine: L.S. 15, Sec. 18, Tp. 34, Rge. 21, W. of the 4th Mer.

Character of Coal: Domestic.

Thickness of Seam: 5 feet.

Thickness of Cover: 160 feet.

Henry Sward. (Mine No. 690).

Mine Office: Rowley.

Overman: H. Sward.

Location of Mine: L.S. 4, Sec. 13, Tp. 32, Rge. 21, W. of the 4th Mer.

Area: 40 acres.

Character of Coal: Domestic.

Thickness of Seam: 5 feet.

Thickness of Cover: 110 feet.

Joseph Hodgson. (Mine No. 694).

Mine Office: Rowley.

Overman: J. Hodgson.

Location of Mine: L.S. 13, Sec. 12, Tp. 32, Rge. 21, W. of the 4th Mer.

Area: 40 acres.

Character of Coal: Domestic.

Thickness of Seam: 5 feet.

Thickness of Cover: 110 feet.

Vimy Coal, Light & Power Company, Limited. (Mine No. 864).

Mine Office: Big Valley.

Authorized Capital: \$25,000.00.

President: E. L. Pavier.

Secretary-Treasurer: J. T. Smythe.

Directors: F. Rentier; T. P. Smythe.

Manager: E. L. Pavier.

Mine Surveyor: D. Jones.

Location of Mine: L.S. 16, Sec. 26, Tp. 35, Rge. 20, W. of the 4th Mer.

Area: 250 acres.

Character of Coal: Domestic.

Turner & Prescott. (Mine No. 920).

Mine Office: Scollard.

Overman: John Prescott.

Location of Mine: Sec. 34, Tp. 34, Rge. 21, W. of the 4th Mer.

Character of Coal: Domestic.

Horace V. Colbert. (Mine No. 923).

(CLOSED).

Mine Office: Big Valley.

Overman: H. V. Colbert.

Location of Mine: L.S. 4, Sec. 31, Tp. 35, Rge. 19, W. of the 4th Mer.

This mine is in the prospecting stage, and is not operating at the present time.

J. J. Westaway & Company. (Mine No. 1021).

Mine Office: Big Valley.

Overman: J. Aiello.

Location of Mine: N.W. $\frac{1}{4}$, Sec. 26, Tp. 35, Rge. 20, W. of the 4th Mer.
Character of Coal: Domestic.*Clyde B. McCall. (Mine No. 1029).*

Mine Office: Rumsey.

Overman: C. B. McCall.

Location of Mine: L.S. 12, Sec. 7; Tp. 34, Rge. 21, W. of the 4th Mer.
Character of Coal: Domestic.

SAUNDERS DISTRICT.—DISTRICT NO. 16

Big Horn & Saunders Creek Collieries Limited. (Mine No. 388).

Mine Office: Saunders, Alberta.

Head Office: Blairmore, Alberta.

Authorized Capital: \$300,000.00.

President: Jules Charbonnier, Blairmore.

Vice-President: Raoul Green.

Treasurer: A. R. Granger.

Secretary: Geo. Grassowski, Saunders.

Manager and Overman: W. G. Pearson.

Mine Surveyor: A. E. Williams.

Examiner: H. Morley.

Location of Mine: N.E. $\frac{1}{4}$, Sec. 24, Tp. 40, Rge. 13, W. of the 5th Mer.

Area: 2,561 acres.

Character of Coal: Sub-Bituminous.

This mine is entered by a drift driven in on the coal from the outcrop. The seam has a thickness of $4\frac{1}{2}$ feet with clay shale roof and pavement, the cover varying from 50 to 300 feet. The strata dips 8 degrees in a north-easterly direction.

The room and pillar system across the pitch is adopted. Mining is done in the clay above the coal by means of compressed air operated machines of the Rand-Radial post type.

Haulage on the entry is by the main and tail rope system, and up the pitch by means of compressed air hoists.

The following additions and improvements have been made:

Two new Return tubular boilers 80-Horse Power each, and one new class F.L. Two-Stage air compressor, have been installed; 20 new mine cars, two new bunk-houses, and six new houses have been constructed during the year; also the black-smith shop and hoist house which were destroyed by fire, have been rebuilt.

Saunders-Alberta Collieries, Limited. (Mine No. 756).

Mine Office: West Saunders, Alberta.

Head Office: Red Deer, Alberta.

Authorized Capital: \$500,000.00.

President: Chas. F. Dorsey.

Vice-President: C. W. Sanders.

Secretary-Treasurer: P. R. Reid.

Directors: C. F. Dorsey; C. W. Sanders; P. R. Reid; E. W. DeLong; John Teasdale.

Manager and Overman: R. Rawlinson.

Examiner: Jas. Tisdale.

Mine Surveyor: L. C. Stevens.

Location of Mine: L.S. 16, Sec. 23, Tp. 40, Rge. 13, W. of the 5th Mer.

Area: 600 acres.

Character of Coal: Sub-Bituminous.

Harlech Coal Company, Limited. (Mine No. 823).

Mine Office: Harlech, Alberta.

Head Office: Lancaster Building, Calgary, Alberta.

President: Martin Nordegg.

Treasurer: Stuart Kidd.

Secretary: E. M. Anderson.

Directors: M. Nordegg; S. Kidd; Col. Roberts; John McFarland; C. Bernhard.

Mine Manager and Overman: Jas. McKelvie.

Examiner: R. Muir.

Location of Mine: Sec. 10, Tp. 41, Rge. 14, W. of the 5th Mer.

There are two seams being worked, the No. 2 having a thickness of 10 feet with 2½ feet of clay in the centre, with sandstone roof and shale pavement, and the No. 4 which is 5 feet thick, with clay shale roof and sandstone pavement. Both seams pitch 24 degrees and are opened up by slopes driven on the full dip of the seam.

During the year a Power House, washhouse, several small cottages, and a warehouse have been built, and an air compressor and a new hoist have been installed.

Alexo Coal Company, Limited. (Mine No. 852).

Mine Office: Saunders.
 Head Office: 301 C.P.R. Building, Toronto, Ontario.
 Authorized Capital: \$200,000.00.
 President: E. F. Pullen.
 Secretary: C. C. Clark.
 Directors: E. F. Pullen; C. F. Hanning; Frank Pullen; H. N. Roberts; C. C. Clark.
 Mine Manager: J. R. MacDonald.
 Examiner: Chapin Terris.
 Mine Surveyor: John R. MacDonald.
 Master Mechanic: Colin McGillivray.
 Location of Mines: Sec. 27, Tp. 40, Rge. 13, W. of the 5th Mer.
 Area: 1,400 acres. Character of Coal: Sub-Bituminous.

The seam which is being worked has a thickness of 5 feet with clay shale roof and sandy shale pavement, the cover varying from 25 to 300 feet.

The entrance to the mine is located on the hillside, 250 feet above the R.R., where the tiple is located, the coal being lowered to the tiple in the mine cars over a surface incline half a mile in length.

A washhouse and several cottages have been built during the year; also prospect work on a six-foot seam of coal above the one at present being worked has been done.

BRAZEAU DISTRICT.—DISTRICT NO. 17

Brazeau Collieries, Limited. (Mine No. 256).

Mine Office: Nordegg.
 Head Office: 9 Toronto Street, Toronto, Ontario.
 Authorized Capital: \$4,000,000.00.
 President: Sir William McKenzie, Toronto.
 Vice-President: Andrew Haydon, Ottawa.
 Secretary-Treasurer: H. S. Gausby, Toronto.
 General Manager: John Shanks, Nordegg.
 Manager: Jas. M. Stewart, Jr., Nordegg.
 Mine Surveyor: H. D. Moore.
 Master Mechanic: Jas. Baird.
 Location of Mine: L.S. 13, Sec. 22, Tp. 40, Rge. 15, W. of the 5th Mer.
 Area: 1,500 acres. Character of Coal: Bituminous.
 Owner of Property: Brazeau Collieries, Limited.

NO. 2 MINE

Overman: L. Turner.
 Examiners: D. Beck; R. Jones; P. Armstrong.

NO. 3 MINE

Overman: John Crawford.
 Examiners: George Campbell; Geo. McQueen; F. G. Scott.

NEW MINE.

Overman: A. McQueen.
 Examiners: E. Hawkins; H. France; W. Dryborough.

There are two seams being worked at this mine; No. 3 seam having a thickness of 14 feet, with sandstone roof and shale pavement and No. 2 seam having a thickness of 7 feet, with shale roof and pavement. The strata dips 12 degrees in a south-westerly direction, the cover over No. 3 seam being 200 feet, and over No. 2 seam, 400 feet in thickness.

The system of working adopted is the room and pillar, the rooms being driven up the pitch, all coal being dropped from the face to the levels by gravity planes operated by McGinty's.

Haulage on the main entries is by storage battery electric locomotives, horses being used for gathering purposes. An electric locomotive of the trolley type is used for hauling from the tunnels to the tiple.

BROOKS DISTRICT.—DISTRICT NO. 18

Blackfoot Indians. (Mine No. 72).

This mine is operated on the Blackfoot Indian Reserve by the Indians, the entire output being disposed of locally. This reserve is south of Gleichen.

The Kleenbirn Collieries, Limited. (Mine No. 226).

Mine Office: Eyremore, Alberta.

Head Office: Eyremore, Alberta.

Authorized Capital: \$1,000,000.00.

President: James Balfour.

Vice-President: W. W. Wills.

Directors: James Balfour; W. W. Wills; C. R. Westgate.

Secretary-Treasurer: C. R. Westgate.

General Manager: C. R. Westgate.

Overman: John Barr.

Mine Surveyor: J. A. H. Church.

Location of Mine: L.S. 2, Sec. 16, Tp. 17, Rge. 17, W. of the 4th Mer.

Area: 5,306 acres. Character of Coal: Domestic.

The seam which is being worked has a thickness of 5 feet, the cover being from 15 to 120 feet in thickness.

The mine is entered by drifts driven in from the outcrop on the river bank, the coal being hoisted to the tippie, which is on the prairie level, over a surface incline.

The system of working adopted is the room and pillar, the plant having a capacity of 100 tons per day, which is disposed of locally to the farmers.

Open lights are used throughout the mine.

William G. Noble. (Mine No. 257).

(CLOSED)

Mine Office: Duchess, Alberta.

Mine Surveyor: J. A. H. Church.

Location of Mine: L.S. 6, Sec. 7, Tp. 23, Rge. 14, W. of the 4th Mer.

Area: 40 acres.

Character of Coal: Domestic.

Thickness of Seam: 2 feet 6 inches.

Thickness of Cover: 30 feet.

Castella Bros. (Mine No. 360).

Mine Office: Standard.

Overman: Hans J. Castella.

Mine Surveyor: Gordon L. Kidd.

Location of Mine: L.S. 13, Sec. 2, Tp. 25, Rge. 22, W. of the 4th Mer.

Area: 160 acres.

Character of Coal: Domestic.

Thickness of Seam: 3 feet 9 inches.

Thickness of Cover: 50 feet.

P. F. Clemens. (Mine No. 460).

Mine Office: Gem, Alberta.

Overman: P. F. Clemens.

Mine Surveyor: J. A. H. Church.

Location of Mine: L.S. 4, Sec. 12, Tp. 23, Rge. 15, W. of the 4th Mer.

Area: 120 acres.

Character of Coal: Domestic.

Thickness of Seam: 4 feet 6 inches.

Thickness of Cover: 120 feet.

Victor Erickson. (Mine No. 857).

Mine Office: Standard.
Overman: Victor Erickson.
Mine Surveyor: Gordon L. Kidd.
Location of Mine: L.S. 5, Sec. 11, Tp. 25, Rge. 22, W. of the 4th Mer.
Area: 120 acres. Character of Coal: Domestic.
Thickness of Seam: 3 feet 9 inches.
Thickness of Cover: 80 feet.

Duchess Coal Company. (Mine No. 860).

Location of Mine: Sec. 2, Tp. 23, Rge. 15, W. of the 4th Mer.
This mine is abandoned.

W. R. Dick. (Mine No. 885).

Location of Mine: S.E. $\frac{1}{4}$, Sec. 33, Tp. 21, Rge. 14, W. of the 4th Mer.
This mine is abandoned.

T. W. Kerrison. (Mine No. 900).

Location of Mine: L.S. 3, Sec. 23, Tp. 17, Rge. 17, W. of the 4th Mer.
This mine is abandoned.

J. B. Goodin. (Mine No. 901).

Mine Office: Hutton.
Overman: J. B. Goodin.
Location of Mine: L.S. 15, Sec. 12, Tp. 23, Rge. 15, W. of the 4th Mer.
Character of Coal: Domestic.

John Ward. (Mine No. 914).

Mine Office: Eyremore.
Overman: Elias Kyllingstad.
Mine Surveyor: J. A. H. Church.
Location of Mine: L.S. 3, Sec. 22, Tp. 17, Rge. 17, W. of the 4th Mer.
Area: 320 acres. Character of Coal: Domestic.
Thickness of Seam: 6 feet.
Thickness of Cover: 35 feet.

George Ketchmark. (Mine No. 915).

Mine Office: Eyremore.
Overman: George Ketchmark.
Mine Surveyor: J. A. H. Church.
Location of Mine: L.S. 15, Sec. 14, Tp. 17, Rge. 17, W. of the 4th Mer.
Area: 80 acres. Character of Coal: Domestic.
Thickness of Seam: 3 feet 6 inches.
Thickness of Cover: 40 feet.

W. D. Kellough. (Mine No. 947).

Location of Mine: Sec. 13, Tp. 17, Rge. 17, W. of the 4th Mer.
Only prospecting work was done at this mine, which is now abandoned.

B. Pickering. (Mine No. 990).

Mine Office: Cluny.
Location of Mine: Sec. 7, Tp. 22, Rge. 20, W. of the 4th Mer.
Only prospecting work has been done at this mine and it is now abandoned

T. W. Kerrison. (Mine No. 998).

Mine Office: Eyremore.
 Overman: T. W. Kerrison.
 Mine Surveyor: J. A. H. Church.
 Location of Mine: L.S. 13, Sec. 11, Tp. 17, Rge. 17, W. of the 4th Mer.
 Area: 40 acres. Character of Coal: Domestic.
 Thickness of Seam: 4 feet.
 Thickness of Cover: 90 feet.

John Krozier. (Mine No. 1038).

Mine Office: Duchess.
 Overman: John Krozier.
 Location of Mine: L.S. 13, Sec. 36, Tp. 22, Rge. 15, W. of the 4th Mer.
 Prospecting work only has been done at this mine.

HANNA DISTRICT.—DISTRICT NO. 19

Oscar Collieries, Limited. (Mine No. 262).

Mine Office: Sheerness.
 Head Office: 610 Maclean Block, Calgary, Alberta.
 Authorized Capital: \$300,000.00.
 President: William Battes.
 Secretary-Treasurer: E. F. Clarey.
 Directors: E. F. Clarey; Wesley Buchner.
 Manager and Overman: Thomas Mather.
 Mine Surveyor: D. Jones.
 Location of Mine: L.S. 2, Sec. 19, Tp. 29, Rge. 12, W. of the 4th Mer.
 Area: 1,600 acres. Character of Coal: Domestic.
 Owner of Property: Oscar Collieries, Limited.
 The seam worked at this mine has a thickness of 10 feet, with sandstone roof and clay pavement, the cover being 25 feet in thickness.
 The mine is entered by means of a slope driven on an inclination of 20 degrees.
 The system of working is room and pillar, the plant having a capacity of 300 tons per day.
 Open lights are used throughout the mine.

Arthur Miller. (Mine No. 354).

Mine Office: Delia.
 Overman: Arthur Miller.
 Mine Surveyor: D. Jones.
 Location of Mine: L.S. 9, Sec. 21, Tp. 30, Rge. 17, W. of the 4th Mer.
 Area: 40 acres. Character of Coal: Domestic.
 Thickness of Seam: 4 feet.
 Thickness of Cover: 60 feet.

T. A. Kane. (Mine No. 375).

Mine Office: Garden Plain.
 Overman: Joseph Camp.
 Mine Surveyor: Norman Fraser.
 Location of Mine: L.S. 7, Sec. 1, Tp. 34, Rge. 14, W. of the 4th Mer.
 Area: 30 acres. Character of Coal: Domestic.
 Thickness of Seam: 4 feet 8 inches.
 Thickness of Cover: 20 to 150 feet.

G. Brocklebank. (Mine No. 415).

Mine Office: Parr.
 Mine Surveyor: David Jones.
 Location of Mine: L.S. 4, Sec. 5, Tp. 29, Rge. 14, W. of the 4th Mer.
 Area: 30 acres. Character of Coal: Domestic.
 Thickness of Seam: 3 feet.
 Thickness of Cover: 6 feet.
 This mine is being operated by removing the cover.

William J. Anderson. (Mine No. 443).

Mine Office: Sheerness.

Overman: E. Atherton.

Mine Surveyor: D. Jones.

Location of Mine: L.S. 1, Sec. 12, Tp. 29, Rge. 14, W. of the 4th Mer.

Area: 160 acres.

Character of Coal: Domestic.

Thickness of Seam: 9 feet.

Thickness of Cover: 25 feet.

There are two systems of operation at this mine: by underground mining; also by the stripping pit method.

John Masciangelo. (Mine No. 477).

Mine Office: Delia.

Overman: James Wilde.

Mine Surveyor: D. Jones.

Location of Mine: L.S. 3, Sec. 28, Tp. 30, Rge. 17, W. of the 4th Mer.

Area: 30 acres.

Character of Coal: Domestic.

Thickness of Seam: 3 feet 9 inches.

Thickness of Cover: 35 feet.

Charles E. Brown. (Mine No. 486).

Mine Office: Hanna.

Overman: Charles E. Brown.

Mine Surveyor: David Jones.

Location of Mine: L.S. 3, Sec. 29, Tp. 32, Rge. 13, W. of the 4th Mer.

Area: 40 acres.

Character of Coal: Domestic.

Thickness of Seam: 3 feet

Thickness of Cover: 9 feet.

This mine is operated by the stripping pit method.

Robert Unsworth. (Mine No. 488).

Mine Office: Garden Plain.

Overman: Robert Unsworth.

Mine Surveyor: David Jones.

Location of Mine: L.S. 14, Sec. 6, Tp. 33, Rge. 14, W. of the 4th Mer.

Area: 40 acres.

Character of Coal: Domestic.

Thickness of Seam: 3 feet.

Thickness of Cover: 25 feet.

L. C. Treber & Wm. Wiles. (Mine No. 491).

Mine Office: Parr.

Overman: Gus M. Dofher.

Mine Surveyor: D. Jones.

Location of Mine: L.S. 16, Sec. 18, Tp. 29, Rge. 14, W. of the 4th Mer.

Area: 20 acres.

Character of Coal: Domestic.

Thickness of Seam: 3 feet.

Thickness of Cover: 40 feet.

John Keehn. (Mine No. 496).

Mine Office: Craigmyle.

Overman: Lawrence Anderson.

Mine Surveyor: David Jones.

Location of Mine: L.S. 6, Sec. 3, Tp. 33, Rge. 16, W. of the 4th Mer.

Area: 20 acres.

Character of Coal: Domestic.

Thickness of Seam: 4 feet 6 inches.

Thickness of Cover: 25 feet.

Morse & Larrair. (Mine No. 497).

Mine Office: Hanna.
 Overman: C. Larrair.
 Mine Surveyor: D. Jones.
 Location of Mine: L.S. 1, Sec. 19, Tp. 29, Rge. 14, W. of the 4th Mer.
 Area: 20 acres. Character of Coal: Domestic.
 Thickness of Seam: $3\frac{1}{2}$ feet.
 Thickness of Cover: 60 feet.

William Glover. (Mine No. 611).

Mine Office: Hanna.
 Overman: William Glover.
 Mine Surveyor: David Jones.
 Location of Mine: S.W. $\frac{1}{4}$, Sec. 29, Tp. 32, Rge. 13, W. of the 4th Mer.
 Area: 20 acres. Character of Coal: Domestic.
 Thickness of Seam: $3\frac{1}{2}$ feet.
 Thickness of Cover: 8 feet.
 This mine is operated by the stripping pit method.

James Bradshaw. (Mine No. 646).

Mine Office: Garden Plain.
 Overman: James Bradshaw.
 Mine Surveyor: David Jones.
 Location of Mine: L.S. 1, Sec. 1, Tp. 34, Rge. 14, W. of the 4th Mer.
 Area: 30 acres. Character of Coal: Domestic.
 Thickness of Seam: $4\frac{1}{2}$ feet.
 Thickness of Cover: 30 feet.

Mrs. Mary M. Edmonson. (Mine No. 725).

Mine Office: Delia.
 Manager and Overman: Luke Raisbeck.
 Mine Surveyor: D. Jones.
 Location of Mine: L.S. 12, Sec. 24, Tp. 28, Rge. 18, W. of the 4th Mer.
 Area: 40 acres. Character of Coal: Domestic.
 Thickness of Seam: 4 feet.
 Thickness of Cover: 20 to 200 feet.

Nels Engstrom. (Mine No. 784).

Mine Office: Rose Lynn.
 Overman: Nels Engstrom.
 Mine Surveyor: David Jones.
 Location of Mine: L.S. 1, Sec. 34, Tp. 28, Rge. 13, W. of the 4th Mer.
 Area: 20 acres. Character of Coal: Domestic.
 Thickness of Seam: 8 feet.
 Thickness of Cover: 30 feet.

James Wright. (Mine No. 862).

Mine Office: Garden Plain.
 Overman: James Wright.
 Mine Surveyor: David Jones.
 Location of Mine: S.W. $\frac{1}{4}$, Sec. 6, Tp. 34, Rge. 13, W. of the 4th Mer.
 Area: 20 acres. Character of Coal: Domestic.
 Thickness of Seam: 5 feet.
 Thickness of Cover: 10 feet.
 This mine is being operated by the stripping pit method.

George Thomas. (Mine No. 907).

Mine Office: Sheerness.
 Overman: George Thomas.
 Mine Surveyor: D. Jones.
 Location of Mine: L.S. 16, Sec. 16, Tp. 29, Rge. 30, W. of the 4th Mer.
 Area: 20 acres. Character of Coal: Domestic.
 Thickness of Seam: $4\frac{1}{2}$ feet.
 Thickness of Cover: 7 feet.
 This mine is being operated by the stripping pit method.

Pearson, Fawcett & Carmichael. (Mine No. 919).

Mine Office: Delia.
Overman: M. Carmichael.
Mine Surveyor: D. Jones.
Location of Mine: L.S. 15, Sec. 30, Tp. 29, Rge. 17, W. of the 4th Mer.
Area: 160 acres. Character of Coal: Domestic.
Thickness of Seam: 3 feet 6 inches.
Thickness of Cover: 40 feet.
This mine is at present closed.

E. Jones. (Mine No. 937).

Mine Office: Delia.
Overman: E. Jones.
Mine Surveyor: D. Jones.
Location of Mine: L.S. 14, Sec. 21, Tp. 30, Rge. 17, W. of the 4th Mer.
Area: 160 acres. Character of Coal: Domestic.
Thickness of Seam: 4 feet.
Thickness of Cover: 30 feet.

Emil Kobi. (Mine No. 968).

Mine Office: Endiang.
Mine Surveyor: D. Jones.
Location of Mine: S.W. $\frac{1}{4}$, Sec. 4, Tp. 36, Rge. 15, W. of the 4th Mer.
Area: 160 acres. Character of Coal: Domestic.
Thickness of Seam: 4 feet.
Thickness of Cover: 50 feet.
This mine at present is closed.

J. Warneboldt. (Mine No. 995).

Mine Office: Sheerness.
Overman: Walter J. Dieter.
Mine Surveyor: David Jones.
Location of Mine: L.S. 14, Sec. 18, Tp. 29, Rge. 12, W. of the 4th Mer.
Area: 160 acres. Character of Coal: Domestic.
Thickness of Seam: 8 feet.
Thickness of Cover: 60 feet.

Frater Iveson. (Mine No. 1001).

Mine Office: Rainbow.
Overman: Frater Iveson.
Mine Surveyor: D. Jones.
Location of Mine: L.S. 10, Sec. 24, Tp. 28, Rge. 18, W. of the 4th Mer.
Area: 160 acres. Character of Coal: Domestic.
Thickness of Seam: 3 feet 6 inches.
Thickness of Cover: 300 feet.
This mine is at present closed.

H. A. Locke. (Mine No. 1016).

Mine Office: Craigmyle.
Overman: H. A. Locke.
Mine Surveyor: D. Jones.
Location of Mine: Sec. 28, Tp. 31, Rge. 16, W. of the 4th Mer.
Area: 160 acres. Character of Coal: Domestic.
Thickness of Seam: 4 feet.
Thickness of Cover: 6 feet.

Adolph Rom. (Mine No. 1039).

Mine Office: Craigmyle.
 Overman: Geo. W. Schofield.
 Mine Surveyor: D. Jones.
 Location of Mine: L.S. 2, Sec. 3, Tp. 33, Rge. 16, W. of the 4th Mer.
 Area: 160 acres. Character of Coal: Domestic.
 Thickness of Seam: $4\frac{1}{2}$ feet.
 Thickness of Cover: 40 feet.

LACOMBE DISTRICT.—DISTRICT NO. 20

Ben Nevis Mines, Limited. (Mine No. 167).

Mine Office: Nevis, Alberta.
 Overman: J. Mathewson.
 Mine Surveyor: D. Jones.
 Location of Mine: S.E. $\frac{1}{4}$, Sec. 11, Tp. 39, Rge. 22, W. of the 4th Mer.
 Area: 200 acres. Character of Coal: Domestic.
 Thickness of Seam: 4 feet.
 Thickness of Cover: 120 feet.

Richard Ruscoe. (Mine No. 212).

Mine Office: Halkirk.
 Overman: R. Ruscoe.
 Mine Surveyor: D. Jones.
 Location of Mine: N.W. $\frac{1}{4}$, Sec. 8, Tp. 39, Rge. 15, W. of the 4th Mer.
 Area: 80 acres. Character of Coal: Domestic.
 Owner of Property: Carl G. Hilker.
 Thickness of Seam: 6 feet.
 Thickness of Cover: 85 feet.

Marincl & Persling. (Mine No. 246).

Mine Office: Castor.
 Overman: R. Marincl.
 Mine Surveyor: D. Jones.
 Location of Mine: E. half L.S. 14, Sec. 34, Tp. 37, Rge. 14, W. of the 4th Mer.
 Area: 40 acres. Character of Coal: Domestic.
 Owner of Property: A. D. McCormack.
 Thickness of Seam: 4 feet.
 Thickness of Cover: 30 feet.

Davies & Green. (Mine No. 273).

Mine Office: Halkirk.
 Overman: H. V. Green.
 Mine Surveyor: D. Jones.
 Location of Mine: L.S. 12, Sec. 18, Tp. 39, Rge. 15, W. of the 4th Mer.
 Area: 20 acres. Character of Coal: Domestic.
 Thickness of Seam: 4 feet.
 Thickness of Cover: 85 feet.

A. D. McCormack. (Mine No. 275).

Mine Office: Castor.
 Overman: A. D. McCormack.
 Mine Surveyor: D. Jones.
 Location of Mine: S.W. $\frac{1}{4}$, Sec. 3, Tp. 38, Rge. 14, W. of the 4th Mer.
 Area: 160 acres. Character of Coal: Domestic.
 Thickness of Seam: 5 feet 8 inches.
 Thickness of Cover: 20 feet.

Armour Gray. (Mine No. 289).

Mine Office: Gadsby.
 Overman: A. Gray.
 Mine Surveyor: D. Jones.
 Location of Mine: L.S. 10, Sec. 28, Tp. 39, Rge. 16, W. of the 4th Mer.
 Area: 160 acres. Character of Coal: Domestic.
 Thickness of Seam: 4 feet.
 Thickness of Cover: 50 feet.

Hugh D. McLean. (Mine No. 304).
(CLOSED)

Mine Office: Castor.
Overman: J. Rainey.
Mine Surveyor: F. Steele.
Location of Mine: S.E. $\frac{1}{4}$, Sec. 34, Tp. 37, Rge. 14, W. of the 4th Mer.
Area: 160 acres. Character of Coal: Domestic.
Thickness of Seam: 4 feet.
Thickness of Cover: 22 feet.
This mine is not in operation at present.

Benjamin Hronek. (Mine No. 427).

Mine Office: Halkirk.
Overman: M. McLean.
Mine Surveyor: D. Jones.
Location of Mine: L.S. 7, Sec. 18, Tp. 39, Rge. 15, W. of the 4th Mer.
Area: 40 acres. Character of Coal: Domestic.
Thickness of Seam: 6 feet 6 inches.
Thickness of Cover: 85 feet.

L. Bergren. (Mine No. 665).

Mine Office: Gadsby.
Overman: L. Bergren.
Mine Surveyor: D. Jones.
Location of Mine: N.E. $\frac{1}{4}$, Sec. 21, Tp. 39, Rge. 16, W. of the 4th Mer.
Area: 40 acres. Character of Coal: Domestic.
Thickness of Seam: 4 feet.
Thickness of Cover: 30 feet.

Wm. Halbert. (Mine No. 717).

Mine Office: Castor.
Overman: W. Halbert.
Mine Surveyor: F. Steele.
Location of Mine: L.S. 2, Sec. 34, Tp. 37, Rge. 14, W. of the 4th Mer.
Area: 160 acres. Character of Coal: Domestic.
Thickness of Seam: 5 feet 2 inches.
Thickness of Cover: 35 feet.

J. B. Remillard. (Mine No. 902).

Mine Office: Castor.
Overman: D. Wilkie.
Mine Surveyor: D. Jones.
Location of Mine: L.S. 16, Sec. 33, Tp. 37, Rge. 14, W. of the 4th Mer.
Area: 160 acres. Character of Coal: Domestic.
Thickness of Seam: 5 feet 3 inches.
Thickness of Cover: 35 feet.

Alfred J. Hook. (Mine No. 913).

Mine Office: Halkirk.
Overman: A. J. Hook.
Location of Mine: L.S. 1, Sec. 7, Tp. 39, Rge. 15, W. of the 4th Mer.
This mine is in the prospecting stage.

John Willie. (Mine No. 928).
(CLOSED.)

Mine Office: Nevis, Alberta.
Overman: A. Richmond.
Location of Mine: L.S. 15 and 16, Sec. 10, Tp. 38, Rge. 22, W. of the 4th Mer.
Area: 60 acres. Character of Coal: Domestic.
Thickness of Seam: 4 feet.
This mine is abandoned.

Tynsdale & Smith. (Mine No. 930).

(CLOSED)

Mine Office: Nevis, Alberta.

Overman: J. H. Smith.

Location of mine: L.S. 15, Sec. 33, Tp. 38, Rge. 22, W. of the 4th Mer.

Area: 40 acres.

Character of Coal: Domestic.

Thickness of Seam: 4 feet.

Cloutman & Bergren. (Mine No. 932).

Mine Office: Gadsby.

Overman: L. Bergren.

Location of Mine: L.S. 8, Sec. 29, Tp. 39, Rge. 16, W. of the 4th Mer.

Area: 40 acres.

Character of Coal: Domestic.

Thickness of Seam: 4 feet.

Thickness of Cover: 50 feet.

This mine is abandoned.

Wm. T. O'Connor. (Mine No. 940).

Mine Office: Castor.

Overman: M. Maiké.

Location of Mine: L.S. 10, Sec. 24, Tp. 37, Rge. 14, W. of the 4th Mer.

Area: 40 acres.

Character of Coal: Domestic.

Thickness of Seam: 3 feet 6 inches.

Thickness of Cover: 30 feet.

This mine is abandoned.

Daniel Shaw. (Mine No. 945).

Mine Office: Castor.

Overman: D. Shaw.

Mine Surveyor: D. Jones.

Location of Mine: L.S. 8, Sec. 35, Tp. 37, Rge. 14, W. of the 4th Mer.

Area: 40 acres.

Character of Coal: Domestic.

Thickness of Seam: 5 feet.

Thickness of Cover: 18 feet.

Paul Striech. (Mine No. 946).

Mine Office: Nevis, Alberta.

Overman: A. J. Lewis.

Location of Mine: L.S. 4, Sec. 12, Tp. 38, Rge. 21, W. of the 4th Mer.

Area: 80 acres.

Character of Coal: Domestic.

Thickness of Seam: 4 feet 6 inches.

Thickness of Cover: 50 feet.

This mine is abandoned.

C. G. Rochon. (Mine No. 966).

Mine Office: Erskine.

Overman: R. McLeod.

Mine Surveyor: D. Jones.

Location of Mine: L.S. 10, Sec. 10, Tp. 38, Rge. 22, W. of the 4th Mer.

Thickness of Seam: 2 feet 6 inches.

Character of Coal: Domestic.

Emil Kobi. (Mine No. 968).

(CLOSED)

Mine Office: Endiang P.O.

Location of Mine: S.W. $\frac{1}{4}$, Sec. 4, Tp. 36, Rge. 15, W. of the 4th Mer.

Character of Coal: Domestic.

Thickness of Seam: 4 feet.

Thickness of Cover: 55 feet.

James Blades. (Mine No. 969).

Mine Office: R.R. No. 1, Nevis, Alberta.
Location of Mine: L.S. 14, Sec. 10, Tp. 38, Rge. 22, W. of the 4th Mer.
Area: 20 acres. Character of Coal: Domestic.
Thickness of Seam: 4 feet.
Thickness of Cover: 30 feet.
This mine is in the prospecting stage.

Paul Ness. (Mine No. 989).

Mine Office: Erskine.
Overman: John Cober.
Location of Mine: L.S. 10, Sec. 34, Tp. 37, Rge. 22, W. of the 4th Mer.
Area: 40 acres. Character of Coal: Domestic.
Thickness of Seam: 5 feet.
Thickness of Cover: 20 to 100 feet.
This mine is in the prospecting stage.

O. Broderson. (Mine No. 999):
(STRIPPING PIT)

Mine Office: Halkirk.
Overman: O. Broderson.
Location of Mine: L.S. 3, Sec. 30, Tp. 37, Rge. 15, W. of the 4th Mer.
Area: 40 acres. Character of Coal: Domestic.
Thickness of Seam: 3 feet 6 inches.
Thickness of Cover: 10 feet.

Christopher & Anderson. (Mine No. 1026).

Mine Office: Gadsby.
Overman: J. F. Christopher.
Location of Mine: L.S. 9, Sec. 21, Tp. 39, Rge. 16, W. of the 4th Mer.
This mine is in the prospecting stage.

J. C. Cloutman. (Mine No. 1036).

Mine Office: Gadsby.
Overman: John Wilde.
Location of Mine: L.S. 16, Sec. 3, Tp. 40, Rge. 16, W. of the 4th Mer.
Prospecting work only was done and the mine is now abandoned.

J. S. McLean. (Mine No. 1046).

Mine Office: R.R. No. 1 Halkirk.
Overman: J. S. McLean.
Location of Mine: L.S. 6, Sec. 20, Tp. 40, Rge. 15, W. of the 4th Mer.
This mine is in the prospecting stage.

D. H. Fuller. (Mine No. 1049).

Mine Office: Stettler.
Overman: E. Hewitt.
Location of Mine: L.S. 8, Sec. 34, Tp. 37, Rge. 22, W. of the 4th Mer.
Area: 40 acres. Character of Coal: Domestic.
Thickness of Seam: 5 feet.
Thickness of Cover: 60 feet.

W. F. Ulmer. (Mine No. 1057).

Mine Office: Castor.
Location of Mine: S.E. $\frac{1}{4}$, Sec. 3, Tp. 38, Rge. 14, W. of the 4th Mer.
Character of Coal: Domestic.
This mine is worked as a stripping pit.

THE MINES BRANCH

C. J. Stiles. (Mine No. 1058).

Mine Office: Halkirk.

Overman: C. J. Stiles.

Location of Mine: S.E. $\frac{1}{4}$, Sec. 31, Tp. 38, Rge. 15, W. of the 4th Mer.

Character of Coal: Domestic.

This mine is worked as a stripping pit.

TROCHU DISTRICT.—DISTRICT NO. 21

F. A. Straub. (Mine No. 255).

Mine Office: Alix.

Mine Surveyor: D. Jones.

Location of Mine: L.S. 5, Sec. 17, Tp. 38, Rge. 23, W. of the 4th Mer.

Area: 40 acres.

Character of Coal: Domestic.

Thickness of Seam: 6 feet.

Thickness of Cover: 12 feet.

Owner of Property: F. A. Straub.

This mine is operated as a stripping pit.

A. L. McRae. (Mine No. 315).

Mine Office: Trochu.

Overman: H. F. Wilkie.

Mine Surveyor: R. Hamilton.

Location of Mine: S.E. $\frac{1}{4}$, Sec. 14, Tp. 33, Rge. 23, W. of the 4th Mer.

Area: 40 acres.

Character of Coal: Domestic.

Thickness of Seam: 5 feet 6 inches.

Thickness of Cover: 80 feet.

Owner of Property: C. L. Kursler.

George C. Yard. (Mine No. 328).

Mine Office: Huxley.

Overman: G. C. Yard.

Mine Surveyor: D. Jones.

Location of Mine: S.W. $\frac{1}{4}$, Sec. 13, Tp. 34, Rge. 22, W. of the 4th Mer.

Area: 40 acres.

Character of Coal: Domestic.

Thickness of Seam: 5 feet 8 inches.

Thickness of Cover: 70 feet.

Owner of Property: Yard Brothers.

H. Holmes. (Mine No. 423).

Mine Office: Trochu.

Overman: H. Holmes.

Mine Surveyor: R. Hamilton.

Location of Mine: L.S. 15, Sec. 22, Tp. 33, Rge. 23, W. of the 4th Mer.

Area: 20 acres.

Character of Coal: Domestic.

Thickness of Seam: 5 feet.

Thickness of Cover: 20 to 80 feet.

Ole Thompson. (Mine No. 495).

Mine Office: Lousana.

Overman: Ole Thompson.

Mine Surveyor: D. Jones.

Location of Mine: L.S. 16, Sec. 12, Tp. 36, Rge. 22, W. of the 4th Mer.

Area: 20 acres.

Character of Coal: Domestic.

Thickness of Seam: 4 feet.

Thickness of Cover: 80 feet.

Owner of Property: Ole Thompson.

James Aiello. (Mine No. 631).

(CLOSED)

Mine Office: Ardley.
Overman: T. Crew.
Location of Mine: L.S. 7, Sec. 17, Tp. 38, Rge. 23, W. of the 4th Mer.
Area: 160 acres. Character of Coal: Domestic.
Thickness of Seam: 5 feet 6 inches.

Theodore Kurp. (Mine No. 635).

Mine Office: Delburne.
Mine Surveyor: D. Jones.
Location of Mine: L.S. 4, Sec. 7, Tp. 38, Rge. 23, W. of the 4th Mer.
Area: 30 acres. Character of Coal: Domestic.
Thickness of Seam: 5 feet.
Thickness of Cover: 10 feet.
Owner of Property: Theodore Kurp.
This mine is worked as a stripping pit.

Peters & Kinchin. (Mine No. 710).

Mine Office: Trochu.
Overman: R. Davidson.
Mine Surveyor: R. Hamilton.
Location of Mine: L.S. 10, Sec. 14, Tp. 33, Rge. 23, W. of the 4th Mer.
Area: 20 acres. Character of Coal: Domestic.
Thickness of Seam: 5 feet 6 inches.
Thickness of Cover: 70 feet.
Owner of Property: Wm. Peters.

North Star Coal Company, Limited. (Mine No. 731).

(STRIPPING PIT)

Mine Office: Alix.
Manager: W. C. H. Louis.
Mine Surveyor: C. C. Richards.
Location of Mine: L.S. 16, Sec. 33, Tp. 38, Rge. 23, W. of the 4th Mer.
Area: 160 acres. Character of Coal: Domestic.
Thickness of Seam: 8 feet.
Thickness of Cover: 20 feet.
Owner of Property: Casper W. Sharples.
The method of stripping the cover at this mine is by means of Hydraulic Pressure.

Parker Creek Collieries, Limited. (Mine No. 787).

Mine Office: Ardley.
Head Office: 1011 Herald Building, Calgary, Alberta.
Authorized Capital: \$300,000.00.
President: W. R. Walsh.
Vice-President: Geo. A. McKenzie.
Secretary-Treasurer: D. Preston.
Directors: W. H. McLaws; Geo. A. McKenzie; D. Preston.
Superintendent: W. R. Walsh.
Overman: A. E. Powell.
Mine Surveyor: R. H. Watson.
Location of Mine: L.S. 12, Sec. 21, Tp. 38, Rge. 23, W. of the 4th Mer.
Area: 12,000 acres. Character of Coal: Domestic.
Thickness of Seam: 6 feet.
Thickness of Cover: 95 feet.
The mine is connected by a spur track to the Edmonton-Calgary Branch G.T. Railway.
Capacity of Plant: 300 tons per day.

Harry T. Cooper. (Mine No. 799).

Mine Office: Lousana.
 Overman: H. T. Cooper.
 Mine Surveyor: D. Jones.
 Location of Mine: Sec. 24, Tp. 36, Rge. 22, W. of the 4th Mer.
 Area: 20 acres. Character of Coal: Domestic.
 Owner of Property: H. T. Cooper.
 Thickness of Seam: 4 feet.
 Thickness of Cover: 20 to 250 feet.

Pearl Coal Company, Limited. (Mine No. 809).

Mine Office: Alix.
 Overman: J. W. Sissons.
 Location of Mine: L.S. 6, Sec. 33, Tp. 38, Rge. 23, W. of the 4th Mer.
 Area: 160 acres. Character of Coal: Domestic.
 Owner of Property: Wm. Jones, Alix.
 Thickness of Seam: 5 feet.
 Thickness of Cover: 70 feet.

Thomas E. Lassiter. (Mine No. 812).

Mine Office: Delburne.
 Overman: Thomas E. Lassiter.
 Mine Surveyor: D. Jones.
 Location of Mine: L.S. 15, Sec. 2, Tp. 38, Rge. 24, W. of the 4th Mer.
 Owner of Property: E. Parlby.
 Thickness of Seam: 6 feet.
 Thickness of Cover: 6 to 20 feet.
 This mine is abandoned.

Ardley Hardite Collieries, Limited. (Mine No. 824).

(CLOSED)

Mine Office: Ardley.
 Head Office: 1011 Herald Building, Calgary, Alberta.
 Authorized Capital: \$300,000.00.
 President: W. R. Walsh.
 Vice-President: Geo. A. McKenzie.
 Secretary-Treasurer: D. Preston.
 Directors: W. H. McLaws; Geo. A. McKenzie; D. Preston.
 Location of Mine: E. half, Sec. 20, Tp. 38, Rge. 23, W. of the 4th Mer.
 Area: 320 acres. Character of Coal: Domestic.
 Owner of Property: Col. Walker, Calgary.
 This mine is not operating.

William Schamehorn. (Mine No. 831).

Mine Office: Alix.
 Overman: J. Russell.
 Location of Mine: L.S. 15, Sec. 33, Tp. 38, Rge. 23, W. of the 4th Mer.
 Area: 160 acres. Character of Coal: Domestic.
 Thickness of Seam: 5 feet 6 inches.
 Thickness of Cover: 80 feet.
 This mine is closed.

David Halbert. (Mine No. 859).

Mine Office: Trochu.
 Overman: D. Halbert.
 Mine Surveyor: R. Hamilton.
 Location of Mine: Sec. 23, Tp. 33, Rge. 23, W. of the 4th Mer.
 Area: 20 acres. Character of Coal: Domestic.
 Owner of Property: D. Halbert.
 Thickness of Seam: 5 feet 6 inches.
 Thickness of Cover: 70 feet.

Robert Russell. (Mine No. 891).

Mine Office: Alix.
 Mine Surveyor: D. Jones.
 Location of Mine: L.S. 11, Sec. 1, Tp. 38, Rge. 24, W. of the 4th Mer.
 Area: 80 acres. Character of Coal: Domestic.
 Owner of Property: Robert Russell.
 Thickness of Seam: 5 feet.
 Thickness of Cover: 15 feet.
 This mine was operated as a stripping pit and is now closed.

Carbondale Coal Company, Limited. (Mine No. 912).

Mine Office: Ardley:
 Managing Director: Greville K. Jack.
 Secretary-Treasurer: W. W. Ferguson.
 Superintendent: C. H. Stanley.
 Overman: C. Chestnut.
 Location of Mine: E. Half, Sec. 29, Tp. 38, Rge. 23, W. of the 4th Mer.
 Area: 80 acres. Character of Coal: Domestic.
 Thickness of Seam: 6 feet.
 Thickness of Cover: 90 feet.
 A new shaft has been sunk on this property and a mechanical plant installed.
 The Mine is connected to the Edmonton-Calgary branch of the G.T.P., by a Spur Track.

Thomas McKinlay. (Mine No. 921).

Mine Office: Trochu.
 Overman: T. McKinlay.
 Location of Mine: L.S. 16, Sec. 14, Tp. 33, Rge. 23, W. of the 4th Mer.
 Area: 20 acres. Character of Coal: Domestic.
 Owner of Property: T. McKinlay.
 Thickness of Seam: 5 feet 6 inches.
 Thickness of Cover: 70 feet.

George Paton. (Mine No. 949).

Mine Office: Delburne.
 Overman: G. Paton.
 Mine Surveyor: D. Jones.
 Location of Mine: S.E. $\frac{1}{4}$, Sec. 27, Tp. 37, Rge. 23, W. of the 4th Mer.
 Area: 40 acres. Character of Coal: Domestic.
 Owner of Property: G. Paton.
 Thickness of Seam: 5 feet.
 Thickness of Cover: 20 to 100 feet.

C. C. McDermand. (Mine No. 951).

(STRIPPING PIT)

Mine Office: Alix.
 Overman: C. C. McDermand.
 Location of Mine: L.S. 3, Sec. 29, Tp. 38, Rge. 23, W. of the 4th Mer.
 Area: 40 acres. Character of Coal: Domestic.
 Thickness of Seam: 4 feet.
 Thickness of Cover: 40 feet.
 This mine is operated as a stripping pit.

L. Bobier. (Mine No. 954).

(CLOSED)

Mine Office: Lousana:
 Overman: A. Stievenard.
 Mine Surveyor: D. Jones.
 Location of Mine: L.S. 9, Sec. 26, Tp. 36, Rge. 22, W. of the 4th Mer.
 Thickness of Seam: 4 feet.
 Thickness of Cover: 150 feet.
 This mine is not operating.

D. Blair. (Mine No. 957).

Mine Office: Delburne.
 Overman: D. Blair.
 Mine Surveyor: D. Jones.
 Location of Mine: L.S. 8, Sec. 11, Tp. 38, Rge. 24, W. of the 4th Mer.
 Area: 40 acres. Character of Coal: Domestic.
 Thickness of Seam: 6 feet.
 Thickness of Cover: 10 to 50 feet.

Wm. Bolze. (Mine No. 962).

(CLOSED)

Mine Office: Delburne.
 Overman: A. Duda.
 Location of Mine: Sec. 2, Tp. 38, Rge. 24, W. of the 4th Mer.
 Area: 40 acres. Character of Coal: Domestic.
 Thickness of Seam: 6 feet.
 Thickness of Cover: 40 feet.
 This mine is not operating.

B. C. Kurp. (Mine No. 967).

Mine Office: Delburne.
 Mine Surveyor: D. Jones.
 Location of Mine: Sec. 11, Tp. 38, Rge. 24, W. of the 4th Mer.
 Area: 20 acres. Character of Coal: Domestic.
 This mine is worked by the stripping pit process.

Beaver Coal Company. (Mine No. 973).

Mine Office: Ardley.
 Overman: T. Crew.
 Location of Mine: L.S. 16, Sec. 17, Tp. 38, Rge. 23, W. of the 4th Mer.
 Area: 40 acres. Character of Coal: Domestic.
 Thickness of Seam: 6 feet.

J. N. Guss. (Mine No. 980).

Mine Office: Alix.
 Overman: J. N. Guss.
 Location of Mine: S.W. $\frac{1}{4}$, Sec. 3, Tp. 39, Rge. 22, W. of the 4th Mer.
 Character of Coal: Domestic.
 This mine is worked as a stripping pit and is at present closed.

A. Jackson. (Mine No. 991).

(CLOSED)

Mine Office: Trochu.
 Overman: T. Bell.
 Location of Mine: Sec. 27, Tp. 33, Rge. 23, W. of the 4th Mer.
 Character of Coal: Domestic.

Maple Leaf Coal Company. (Mine No. 1018).

Mine Office: Ardley.
 Overman: E. J. Jones.
 Location of Mine: S.W. $\frac{1}{4}$, Sec. 17, Tp. 38, Rge. 23, W. of the 4th Mer.
 Character of Coal: Domestic.

C. E. Mitchell. (Mine No. 1019).

Mine Office: Huxley.
 Overman: C. E. Mitchell.
 Location of Mine: L.S. 4, Sec. 10, Tp. 34, Rge. 22, W. of the 4th Mer.
 Area: 40 acres. Character of Coal: Domestic.

W. Kitchen. (Mine No. 1024).

(STRIPPING PIT)

Mine Office: Delburne.

Location of Mine: Sec. 3, Tp. 38, Rge. 22, W. of the 4th Mer.

Character of Coal: Domestic.

This mine is worked as a stripping pit.

Leduc & Mainfroid. (Mine No. 1030).

Mine Office: Red Deer P.O.

Overman: C. Leduc.

Location of Mine: L.S. 1 and 2, Sec. 11, Tp. 38, Rge. 24, W. of the 4th Mer.

Character of Coal: Domestic.

Wm. Jones. (Mine No. 1035).

Mine Office: Alix.

Overman: W. Jones.

Location of Mine: L.S. 1, Sec. 3, Tp. 39, Rge. 23, W. of the 4th Mer.

Character of Coal: Domestic.

Thos. E. Lasseter. (Mine No. 1037).

Mine Office: Delburne.

Overman: T. E. Lasseter.

Location of Mine: L.S. 1, Sec. 11, Tp. 38, Rge. 24, W. of the 4th Mer.

Character of Coal: Domestic.

This mine is operated as a stripping pit.

Berg & Brown. (Mine No. 1044).

Mine Office: Alix.

Overman: W. Kershaw.

Location of Mine: L.S. 3, Sec. 29, Tp. 38, Rge. 23, W. of the 4th Mer.

Area: 12 acres.

Character of Coal: Domestic.

Thickness of Seam: 4 feet.

Thickness of Cover: 50 feet.

Thomas Jackson. (Mine No. 1048).

Mine Office: Delburne.

Overman: T. Jackson.

Location of Mine: L.S. 16, Sec. 2, Tp. 38, Rge. 24, W. of the 4th Mer.

Character of Coal: Domestic.

K. Sandquist. (Mine No. 1050).

Mine Office: Hillsdown P.O.

Overman: K. Sandquist.

Location of Mine: L.S. 15, Sec. 2, Tp. 38, Rge. 24, W. of the 4th Mer.

Character of Coal: Domestic.

Clarence Moschinross & Company. (Mine No. 1056)

Mine Office: Red Deer, R.R. No. 2.

Location of Mine: L.S. 16, Sec. 2, Tp. 38, Rge. 24, W. of the 4th Mer.

Character of Coal: Domestic.

This mine is closed.

THREE HILLS DISTRICT—DISTRICT NO. 22

Albert Trentham. (Mine No. 113).

Mine Office: Three Hills.
Overman: A. Trentham.
Mine Surveyor: R. Hamilton.
Location of Mine: L.S. 16, Sec. 26, Tp. 31, Rge. 24, W. of the 4th Mer.
Area: 40 acres. Character of Coal: Domestic.
Thickness of Seam: 5 feet.
Thickness of Cover: 70 feet.

Rene Vasseur. (Mine No. 194).

Mine Office: Three Hills.
Overman: R. Vasseur.
Mine Surveyor: R. Hamilton.
Location of Mine: N.E. $\frac{1}{4}$, Sec. 4, Tp. 31, Rge. 22, W. of the 4th Mer.
Area: 160 acres. Character of Coal: Domestic.
Thickness of Seam: 3 feet 6 inches.
Thickness of Cover: 60 feet.

Ellis Coal Company, Limited (Mine No. 384).

Mine Office: Three Hills.
Head Office: Three Hills.
Authorized Capital: \$20,000.00.
President: Wm. Ellis, Sr.
Vice-President: A. McCulloch.
Secretary-Treasurer: Wm. Ellis, Jr.
Manager: R. Hamilton.
Mine Surveyor: R. Hamilton.
Location of Mine: S.W. $\frac{1}{4}$, Sec. 36, Tp. 31, Rge. 24, W. of the 4th Mer.
Area: 280 acres. Character of Coal: Domestic.
Owner of Property: Union Coal Co., Ltd., Montreal.
Thickness of Seam: 5 feet 6 inches.
Thickness of Cover: 162 feet.
The system of mining is room and pillar, the seam being undercut by machines operated by compressed air, of the Radial Post type.
The mine is connected to the Edmonton-Calgary Branch of the G.T.P. Railway by a short Spur Track.
Open lights are used throughout the mine.

Knee Hill Valley Coal Company. (Mine No. 445).

Mine Office: Twining.
Overman: J. Lebisto.
Mine Surveyor: R. Hamilton.
Location of Mine: L.S. 6, Sec. 14, Tp. 31, Rge. 24, W. of the 4th Mer.
Area: 20 acres. Character of Coal: Domestic.
Thickness of Seam: 3 feet 4 inches.
Thickness of Cover: 56 feet.

William T. Trentham. (Mine No. 637).

Mine Office: Three Hills.
Overman: W. T. Trentham.
Mine Surveyor: R. Hamilton.
Location of Mine: L.S. 15, Sec. 22, Tp. 31, Rge. 24, W. of the 4th Mer.
Area: 40 acres. Character of Coal: Domestic.
Thickness of Seam: 3 feet 6 inches.
Thickness of Cover: 40 feet.

*The Palisade Coal Company, Limited*¹ (Mine No. 811).

Mine Office: Three Hills.
 Authorized Capital: \$60,000.00.
 President: J. B. Cleary.
 Vice-President: G. A. Johnson.
 Managing Director: J. W. Townshend.
 Secretary-Treasurer: J. W. Townshend.
 Mine Manager: A. Higgins.
 Overman: G. A. Johnson.
 Mine Surveyor: R. Hamilton.
 Location of Mine: W. Half, Sec. 36, Tp. 31, Rge. 24, W. of the 4th Mer.
 Area: 320 acres. Character of Coal: Domestic.
 Owner of Property: The Palisade Coal Co., Ltd.
 Thickness of Seam: 5 feet 6 inches.
 Thickness of Cover: 162 feet.

The system of working is room and pillar. The coal is undercut by compressed air machines of the Puncher type.

The mine is connected to the Edmonton-Calgary Branch of the G.T.P. railway by a Spur Track.

Open lights are used throughout the mine.

Harry Trentham. (Mine No. 817).

Mine Office: Ghost Pine Creek.
 Overman: H. Trentham.
 Mine Surveyor: R. Hamilton.
 Location of Mine: L.S. 2, Sec. 6, Tp. 31, Rge. 21, W. of the 4th Mer.
 Area: 40 acres. Character of Coal: Domestic.
 Thickness of Seam: 6 feet.
 Thickness of Cover: 40 feet.

Robert Campbell. (Mine No. 1033).

Mine Office: Ghost Pine Creek.
 Overman: R. Campbell.
 Location of Mine: S.W. $\frac{1}{4}$, Sec. 10, Tp. 31, Rge. 22, W. of the 4th Mer.
 This mine is in the prospecting stage.

CARBON DISTRICT.—DISTRICT NO. 23

Knee Hill Coal Company, Limited. (Mine No. 53)

Mine Office: Carbon.
 Overman: Chris Johnson.
 Mine Surveyor: Norman Fraser.
 Location of Mine: L.S. 3, Sec. 14, Tp. 29, Rge. 23, W. of the 4th Mer.
 Area: 320 acres. Character of Coal: Domestic.
 Thickness of Seam: 4 feet.
 Thickness of Cover: 20 to 200 feet.
 This mine is abandoned.

Carbon Stopp Coal Company, Limited. (Mine No. 115).

Mine Office: Carbon.
 Overman: M. Giffen.
 Mine Surveyor: A. W. Baxter.
 Location of Mine: L.S. 13, Sec. 12, Tp. 29, Rge. 23, W. of the 4th Mer.
 Area: 280 acres. Character of Coal: Domestic.
 Thickness of Seam: 4 feet.
 Thickness of Cover: 50 to 200 feet.

Fraser & Smith. (Mine No. 187).

(CLOSED)

Mine Office: Carbon.
 Overman: Charles Smith.
 Mine Surveyor: Norman Fraser.
 Location of Mine: L.S. 5, Sec. 15, Tp. 29, Rge. 23, W. of the 4th Mer.
 Character of Coal: Domestic.
 Thickness of Seam: 4 feet 6 inches.

THE MINES BRANCH

Balogh & Supak. (Mine No. 189).

Mine Office: Carbon.
 Overman: A. Balogh.
 Location of Mine: L.S. 6, Sec. 7, Tp. 29, Rge. 22, W. of the 4th Mer.
 Character of Coal: Domestic
 Thickness of Seam: 3 feet.

D. Chambers (Mine No. 459).
 (CLOSED)

Mine Office: Swallowell.
 Overman: D. Chambers.
 Location of Mine: S.W. $\frac{1}{4}$, Sec. 19, Tp. 30, Rge. 23, W. of the 4th Mer.

Carbon Coal Company, Limited. (Mine No. 749).

Mine Office: Carbon.
 Manager: Cory Weatherbee.
 Mine Surveyor: Norman Fraser.
 Location of Mine: L.S. 15, Sec. 11, Tp. 29, Rge. 23, W. of the 4th Mer.
 Area: 40 acres. Character of Coal: Domestic.
 Thickness of Seam: 4 feet.
 Thickness of Cover: 200 feet.

Shannon & Hedberg. (Mine No. 768).

Mine Office: Carbon.
 Overman: J. H. Digman.
 Mine Surveyor: G. L. Kidd.
 Location of Mine: L.S. 1, Sec. 14, Tp. 29, Rge. 23, W. of the 4th Mer.
 Area: 80 acres. Character of Coal: Domestic.
 Thickness of Seam: 4 feet.
 Thickness of Cover: 60 feet.
 This mine is connected to the Canadian Pacific Railway by a short Spur Track.

Carbon Coal Agencies, Limited. (Mine No. 851).

Mine Office: Carbon.
 Head Office: 409 Grain Exchange Building, Calgary, Alberta.
 Overman: J. Fraser.
 Mine Surveyor: Norman Fraser.
 Location of Mine: L.S. 16, Sec. 11, Tp. 29, Rge. 23, W. of the 4th Mer.
 Area: 850 acres. Character of Coal: Domestic.
 Thickness of Seam: 4 feet 3 inches.
 Thickness of Cover: 30 to 200 feet.
 This mine is connected to the Canadian Pacific Railway by a short Spur.

Ives & Besant. (Mine No. 856).

Mine Office: Carbon.
 Overman: J. Lundy.
 Mine Surveyor: G. Kidd.
 Location of Mine: L.S. 13, Sec. 11, Tp. 29, Rge. 23, W. of the 4th Mer.
 Area: 80 acres. Character of Coal: Domestic.
 Thickness of Seam: 4 feet.
 Thickness of Cover: 50 to 200 feet.

J. E. Seal. (Mine No. 883).
 (CLOSED)

Mine Office: Carbon.
 Location of Mine: N.E. $\frac{1}{4}$, Sec. 15, Tp. 29, Rge. 23, W. of the 4th Mer.
 Area: 80 acres. Character of Coal: Domestic.
 Thickness of Seam: 4 feet.
 This mine was operated as a stripping pit.

W. S. Henderson & B. C. Stringer. (Mine No. 884).
(CLOSED)

Location of Mine: N.E. $\frac{1}{4}$, Sec. 10, Tp. 29, Rge. 23, W. of the 4th Mer.
Prospecting work only was carried on at this mine and it is now abandoned.

West Carbon Coal Company, Limited. (Mine No. 904).

Mine Office: Carbon.
Overman: A. Barclay.
Location of Mine: L.S. 2, Sec. 16, Tp. 29, Rge. 23, W. of the 4th Mer.
Area: 160 acres. Character of Coal: Domestic.
Thickness of Seam: 4 feet 3 inches.
Thickness of Cover: 150 feet.

Knee Hill Coal Company, Limited. (Mine No. 917).

Location of Mine: N.W. $\frac{1}{4}$, Sec. 14, Tp. 29, Rge. 23, W. of the 4th Mer.
This mine is now abandoned.

Fife Coal Company, Limited. (Mine No. 958).

Mine Office: Carbon.
Overman: W. Poxon.
Location of Mine: S. $\frac{1}{2}$ Sec. 13, Tp. 29, Rge. 23, W. of the 4th Mer.
Area: 40 acres. Character of Coal: Domestic.
Thickness of Seam: 4 feet.
Thickness of Cover: 60 feet.

R. Gatine. (Mine No. 976).

Location of Mine: N.E. $\frac{1}{4}$, Sec. 7, Tp. 29, Rge. 21, W. of the 4th Mer.
This mine is now abandoned.

Thomas McIntire. (Mine No. 978).

(CLOSED)

Mine Office: Carbon.
Overman: T. McIntire.
Location of Mine: S.W. $\frac{1}{4}$, Sec. 13, Tp. 29, Rge. 23, W. of the 4th Mer.

Leonard Rowan (Mine No. 979).

(CLOSED)

Location of Mine: L.S. 11, and 12, Sec. 3, Tp. 29, Rge. 22, W. of the 4th Mer.

Alfred Fox. (Mine No. 1060).

Location of Mine: L.S. 12, and 13, Sec. 7, Tp. 29, Rge. 22, W. of the 4th Mer.
This mine is not yet in operation.

BATTLE RIVER DISTRICT—DISTRICT NO. 24

David Orr. (Mine No. 242).

(CLOSED)

Mine Office: Kelsey.
Overman: D. Orr.
Mine Surveyor: D. Jones.
Location of Mine: L.S. 3, Sec. 15, Tp. 44, Rge. 19, W. of the 4th Mer.
Area: 20 acres. Character of Coal: Domestic.
Thickness of Seam: 3 feet.
Thickness of Cover: 40 feet.

Bish Bros. & LeGear. (Mine No. 245).

Mine Office: Forestburg.
 Overman: G. LeGear.
 Mine Surveyor: D. Jones.
 Location of Mine: L.S. 13, Sec. 36, Tp. 40, Rge. 16, W. of the 4th Mer.
 Area: 80 acres. Character of Coal: Domestic.
 Thickness of Seam: 7 feet 6 inches.
 Thickness of Cover: 40 feet.

John Tyrlik. (Mine No. 251).

Mine Office: Heisler.
 Overman: John Sank.
 Mine Surveyor: D. Jones.
 Location of Mine: N.E. $\frac{1}{4}$, Sec. 28, Tp. 42, Rge. 17, W. of the 4th Mer.
 Area: 40 acres. Character of Coal: Domestic.
 Thickness of Seam: 5 feet.
 Thickness of Cover: 80 feet.

James Bros. (Mine No. 447).

Mine Office: Forestburg.
 Overman: A. J. James.
 Mine Surveyor: D. Jones.
 Location of Mine: L.S. 12, Sec. 28, Tp. 40, Rge. 15, W. of the 4th Mer.
 Area: 40 acres. Character of Coal: Domestic.
 Thickness of Seam: 7 feet 6 inches.
 Thickness of Cover: 30 feet.

Donald McDonald. (Mine No. 607).

Mine Office: Donalda.
 Overman: D. McDonald.
 Mine Surveyor: L. Stevens.
 Location of Mine: L.S. 8, Sec. 30, Tp. 41, Rge. 17, W. of the 4th Mer.
 Area: 20 acres. Character of Coal: Domestic.
 Thickness of Seam: 6 feet.
 Thickness of Cover: 80 feet.

O'Brien, Gillis & Co. (Mine No. 609).

Mine Office: Heisler.
 Overman: J. McPherson.
 Location of Mine: L.S. 5, Sec. 22, Tp. 42, Rge. 17, W. of the 4th Mer.
 Area: 20 acres. Character of Coal: Domestic.
 Thickness of Seam: 8 feet.
 Thickness of Cover: 35 feet.

Geo. H. Stokoe. (Mine No. 615).

Mine Office: Daysland.
 Overman: H. S. Thornton.
 Mine Surveyor: D. Jones.
 Location of Mine: L.S. 2, Sec. 28, Tp. 42, Rge. 17, W. of the 4th Mer.
 Area: 20 acres. Character of Coal: Domestic.
 Thickness of Seam: 10 feet.
 Thickness of Cover: 50 feet.

A. T. Miner. (Mine No. 622).

Mine Office: Kelsey.
 Overman: O. B. Miner.
 Mine Surveyor: D. Jones.
 Location of Mine: S.W. $\frac{1}{4}$, Sec. 8, Tp. 43, Rge. 17, W. of the 4th Mer.
 Area: 20 acres. Character of Coal: Domestic.
 Thickness of Seam: 5 feet 6 inches.
 Thickness of Cover: 40 feet.

Efner W. Simmons. (Mine No. 666).

Mine Office: Forestburg.
Overman: E. W. Simmons.
Mine Surveyor: D. Jones.
Location of Mine: L.S. 16, Sec. 2, Tp. 41, Rge. 16, W. of the 4th Mer.
Area: 20 acres. Character of Coal: Domestic.
Thickness of Seam: 5 feet 6 inches.
Thickness of Cover: 35 feet.

Warmouth & Pickering. (Mine No. 679).

Mine Office: Donalda.
Overman: C. Warmouth.
Mine Surveyor: D. Jones.
Location of Mine: L.S. 14, Sec. 32, Tp. 41, Rge. 18, W. of the 4th Mer.
Area: 20 acres. Character of Coal: Domestic.
Thickness of Seam: 3 feet 6 inches.
Thickness of Cover: 30 feet.

Albert Young. (Mine No. 704).

Mine Office: Forestburg.
Overman: A. Young.
Mine Surveyor: D. Jones.
Location of Mine: L.S. 12, Sec. 25, Tp. 40, Rge. 16, W. of the 4th Mer.
Area: 20 acres. Character of Coal: Domestic.
Thickness of Seam: 7 feet 6 inches.
Thickness of Cover: 60 feet.

Arthur Mitchinson. (Mine No. 719).

Mine Office: Donalda.
Overman: A. Mitchinson.
Mine Surveyor: D. Jones.
Location of Mine: L.S. 1, Sec. 5, Tp. 42, Rge. 18, W. of the 4th Mer.
Area: 20 acres. Character of Coal: Domestic.
Thickness of Seam: 3 feet 6 inches.
Thickness of Cover: 25 feet.

Sebastian Martin. (Mine No. 785).

Mine Office: Forestburg.
Mine Surveyor: D. Jones.
Location of Mine: L.S. 5, Sec. 33, Tp. 40, Rge. 15, W. of the 4th Mer.
Area: 20 acres. Character of Coal: Domestic.
Thickness of Seam: 7 feet.
Thickness of Cover: 28 feet.
This mine is abandoned.

Victor Lindquist. (Mine No. 789).

Location of Mine: L.S. 8, Sec. 25, Tp. 41, Rge. 18, W. of the 4th Mer.
Area: 200 acres. Character of Coal: Domestic.
Thickness of Seam: 6 feet.
Thickness of Cover: 150 feet.
This mine has not been operated during the year and is now abandoned.

Albert Wisla. (Mine No. 793).

Mine Office: Heisler.
Overman: A. Wisla.
Mine Surveyor: D. Jones.
Location of Mine: L.S. 7, Sec. 3, Tp. 43, Rge. 17, W. of the 4th Mer.
Area: 20 acres. Character of Coal: Domestic.
Thickness of Seam: 7 feet.
Thickness of Cover: 40 feet.

S. J. Calvin. (Mine No. 807).

Mine Office: Donalda.
Overman: J. E. Calvin.
Mine Surveyor: D. Jones.
Location of Mine: L.S. 1, Sec. 29, Tp. 41, Rge. 17, W. of the 4th Mer.
Area: 20 acres. Character of Coal: Domestic.
Thickness of Seam: 6 feet.
Thickness of Cover: 40 feet.

George Chambers & D. Orr. (Mine No. 828).

Mine Office: New Norway.
Overman: G. Chambers.
Mine Surveyor: D. Jones.
Location of Mine: L.S. 6, Sec. 32, Tp. 43, Rge. 18, W. of the 4th Mer.
Area: 20 acres. Character of Coal: Domestic.
Thickness of Seam: 5 feet.
Thickness of Cover: 20 feet.

Pickering & Warmouth. (Mine No. 853).

Mine Office: Donalda.
Overman: C. Warmouth.
Mine Surveyor: D. Jones.
Location of Mine: L.S. 14, Sec. 32, Tp. 41, Rge. 18, W. of the 4th Mer.
Area: 20 acres. Character of Coal: Domestic.
Thickness of Seam: 3 feet 9 inches.
Thickness of Cover: 25 feet.
This mine is abandoned.

P. Makarevich (Mine No. 874).

Mine Office: Forestburg.
Overman: P. Makarevich.
Mine Surveyor: D. Jones.
Location of Mine: L.S. 6, Sec. 2, Tp. 41, Rge. 16, W. of the 4th Mer.
Area: 20 acres. Character of Coal: Domestic.
Thickness of Seam: 6 feet.
Thickness of Cover: 30 feet.

J. P. Heape. (Mine No. 876).

Mine Office: Donalda.
Overman: J. P. Heape.
Mine Surveyor: D. Jones.
Location of Mine: N.E. $\frac{1}{4}$, Sec. 28, Tp. 41, Rge. 17, W. of the 4th Mer.
Area: 40 acres. Character of Coal: Domestic.
Thickness of Seam: 6 feet.
Thickness of Cover: 50 feet.

F. G. Meek. (Mine No. 911).

Mine Office: Heisler.
Overman: P. Dietrich.
Mine Surveyor: D. Jones.
Location of Mine: L.S. 1, Sec. 33, Tp. 42, Rge. 17, W. of the 4th Mer.
Area: 20 acres. Character of Coal: Domestic.
Thickness of Seam: 4 feet.
Thickness of Cover: 25 feet.

Thos K. Hill & C. Hughson. (Mine No. 948).

Mine Office: Rosalind.
Overman: T. Hill.
Mine Surveyor: D. Jones.
Location of Mine: Sec. 8, Tp. 43, Rge. 17, W. of the 4th Mer.
Area: 20 acres. Character of Coal: Domestic.
Thickness of Seam: 6 feet.
Thickness of Cover: 30 feet.

Bohme Bros. & Gilles. (Mine No. 952).

Mine Office: Forestburg.
Overman: E. Gilles.
Mine Surveyor: D. Jones.
Location of Mine: L.S. 4, Sec. 33, Tp. 40, Rge. 15, W. of the 4th Mer.
Area: 20 acres. Character of Coal: Domestic.
Thickness of Seam: 8 feet 6 inches.
Thickness of Cover: 25 feet.

Martin Bros. & Robinson (Mine No. 953).

Mine Office: Forestburg.
Overman: S. Martin.
Mine Surveyor: D. Jones.
Location of Mine: L.S. 8, Sec. 32, Tp. 40, Rge. 15, W. of the 4th Mer.
Area: 20 acres. Character of Coal: Domestic.
Thickness of Seam: 9 feet.
Thickness of Cover: 24 feet.

Louis Bulcourt. (Mine No. 955).

Mine Office: Halkirk.
Overman: L. Bulcourt.
Location of Mine: Sec. 20, Tp. 40, Rge. 15, W. of the 4th Mer.
Character of Coal: Domestic.
Thickness of Seam: 6 feet.
Thickness of Cover: 30 feet.

Muncy Bros. (Mine No. 956).

Mine Office: Foreman.
Overman: M. S. Muncy.
Mine Surveyor: D. Jones.
Location of Mine: L.S. 2, Sec. 35, Tp. 40, Rge. 16, W. of the 4th Mer.
Area: 20 acres. Character of Coal: Domestic.
Thickness of Seam: 5 feet 6 inches.
Thickness of Cover: 30 feet.

Evert Hankins. (Mine No. 959).

Mine Office: Foreman.
Overman: E. S. Davies.
Mine Surveyor: D. Jones.
Location of Mine: L.S. 4, Sec. 11, Tp. 40, Rge. 16, W. of the 4th Mer.
Area: 20 acres. Character of Coal: Domestic.
Thickness of Seam: 6 feet.
Thickness of Cover: 20 feet.

THE MINES BRANCH

Campbell & Walton. (Mine No. 960).

Mine Office: Forestburg.
 Overman: T. Walton.
 Mine Surveyor: D. Jones.
 Location of Mine: L.S. 13, Sec. 31, Tp. 40, Rge. 14, W. of the 4th Mer.
 Area: 20 acres. Character of Coal: Domestic.
 Thickness of Seam: 4 feet 6 inches.
 Thickness of Cover: 40 feet.

Sheppard Bros. (Mine No. 964).

Mine Office: Galahad.
 Overman: E. D. Scott.
 Mine Surveyor: D. Jones.
 Location of Mine: L.S. 9, Sec. 32, Tp. 40, Rge. 15, W. of the 4th Mer.
 Area: 20 acres. Character of Coal: Domestic.
 Thickness of Seam: 8 feet.
 Thickness of Cover: 27 feet.

C. Fanning. (Mine No. 1012).

Mine Office: Donalda.
 Overman: C. Fanning.
 Mine Surveyor: D. Jones.
 Location of Mine: L.S. 6, Sec. 25, Tp. 42, Rge. 17, W. of the 4th Mer.
 This mine is just opening up.

Campbell & Walton. (Mine No. 1032).

Mine Office: Forestburg.
 Overman: G. Walton.
 Mine Surveyor: D. Jones.
 Location of Mine: L.S. 12, Sec. 31, Tp. 40, Rge. 15, W. of the 4th Mer.
 Area: 20 acres. Character of Coal: Domestic.
 Thickness of Seam: 4 feet 6 inches.
 Thickness of Cover: 40 feet.
 This mine is just opening up.

John Carlson (Mine No. 1042).

Mine Office: Heisler.
 Overman: J. Carlson.
 Location of Mine: S.W. $\frac{1}{4}$, Sec. 22, Tp. 42, Rge. 17, W. of the 4th Mer.
 This mine is just opening up.

Jackson & Fry. (Mine No. 1047).

Mine Office: Donalda.
 Overman: J. Jackson.
 Location of Mine: L.S. 10, Sec. 32, Tp. 41, Rge. 18, W. of the 4th Mer.
 This mine is just opening up.

C. F. Martin. (Mine No. 1051).

Mine Office: Red Willow.
 Overman: C. F. Martin.
 Location of Mine: S.E. $\frac{1}{4}$, Sec. 24, Tp. 40, Rge. 18, W. of the 4th Mer.
 This mine is just opening up.

F. Stauffer. (Mine No. 1054).

Mine Office: Forestburg.
 Overman: F. Stauffer.
 Location of Mine: L.S. 1 and 2, Sec. 2, Tp. 41, Rge. 16, W. of the 4th Mer.
 This mine is just opening up.

CAMROSE DISTRICT.—DISTRICT NO. 25

E. E. Chappell. (Mine No. 215).

Mine Office: Dodds.
 Mine Surveyor: Norman Fraser.
 Location of Mine: L.S. 6, 7 and 8, Sec. 14, Tp. 49, Rge. 18, W. of the 4th Mer.
 Area: 120 acres.
 Thickness of Seam: 6 feet.
 Thickness of Cover: 12 feet.
 This mine is worked as a stripping pit.

The Spicer Coal Company, Limited. (Mine No. 241).

Mine Office: Dinant.
 Head Office: Saskatoon.
 Manager: John A. McLenhan.
 Mine Surveyor: John A. McLenhan.
 Location of Mine: S.W. $\frac{1}{4}$, Sec. 18, Tp. 48, Rge. 19, W. of the 4th Mer.
 Area: 160 acres. Character of Coal: Domestic.
 The seam which is being worked has a thickness of 6 feet, with shale roof and clay pavement, the cover being 30 feet in thickness.
 The mine is connected by a spur to the Edmonton-Calgary branch of the Grand Trunk Pacific Railway.
 The mine is entered by a slope, and worked on the room and pillar system.
 Open lights are used throughout the mine.

Stoney Creek Collieries, Limited. (Mine No. 244)

Mine Office: Camrose.
 President: F. Adams.
 Directors: F. L. Farley; E. L. Scotwold; D. Twomey.
 Managing Director: D. Twomey.
 Overman: D. S. Williamson.
 Mine Surveyor: Norman Fraser.
 Location of Mine: L.S. 1, Sec. 33, Tp. 46, Rge. 20, W. of the 4th Mer.
 Area: 200 acres. Character of Coal: Domestic.
 Thickness of Seam: 4 feet 6 inches.
 Thickness of Cover: 82 feet.
 The plant has a capacity of 50 tons per day.

Roundhill Collieries, Limited. (Mine No. 250).

Mine Office: Roundhill.
 Secretary-Treasurer: J. Twomey.
 Mine Surveyor: Norman Fraser.
 Location of Mine: S.E. $\frac{1}{4}$, Sec. 30, Tp. 48, Rge. 18, W. of the 4th Mer.
 Area: 80 acres. Character of Coal: Domestic.
 Thickness of Seam: 7 feet.
 Thickness of Cover: 18 feet.
 The coal is obtained by removing the surface.

Canadian Dinant Coal Company, Limited. (Mine No. 374).

Mine Office: Dinant.
 Head Office: Dinant.
 President: J. S. McGuire.
 Secretary-Treasurer: J. M. Halbert.
 Manager: J. Finlayson.
 Mine Surveyor: L. Stevens.
 Location of Mine: N.E. $\frac{1}{4}$, Sec. 12, Tp. 48, Rge. 20, W. of the 4th Mer.
 Area: 130 acres. Character of Coal: Domestic.
 Owner of Property: Canadian Dinant Coal Co., Ltd.
 Thickness of Seam: 6 feet.
 Thickness of Cover: 30 feet.
 The mine is entered by a slope driven on an inclination of 33 degrees, up which the mine cars are hoisted by a steam-driven hoist.
 The tippie is equipped with a shaker screen, and has a capacity of 250 tons per day.
 The room and pillar is the system of mining adopted.
 This mine is connected by a spur track to the Edmonton-Calgary branch of the Grand Trunk Pacific Railway.
 Open lights are used throughout the mine.

George Law. (Mine No. 601).

Mine Office: Round Hill.

Location of Mine: N.E. $\frac{1}{4}$, Sec. 10, Tp. 48, Rge. 18, W. of the 4th Mer.

Character of Coal: Domestic.

Thickness of Seam: 6 feet.

Thickness of Cover: 10 feet.

This mine is worked as a stripping pit.

H. Burnstad. (Mine No. 724).

Mine Office: Round Hill.

Location of Mine: S.W. $\frac{1}{4}$, Sec. 14, Tp. 48, Rge. 18, W. of the 4th Mer.

Area: 40 acres.

Character of Coal: Domestic.

Thickness of Seam: 6 feet.

Thickness of Cover: 10 feet.

This mine is worked as a stripping pit.

The Atlas Mine. (M. T. Goss.) (Mine No. 760).

Mine Office: Round Hill.

Location of Mine: Sec. 30, Tp. 48, Rge. 18, W. of the 4th Mer.

Character of Coal: Domestic.

Thickness of Seam: 6 feet.

Thickness of Cover: 12 feet.

H. Sharkey. (Mine No. 878).

Location of Mine: River Lot 26, Tp. 46, Rge. 21, W. of the 4th Mer.

Area: 10 acres.

Character of Coal: Domestic.

Thickness of Seam: 6 feet.

Thickness of Cover: 30 feet.

This mine was worked as a stripping pit and is now abandoned.

*F. A. Brandt. (Mine No. 971).*Location of Mine: S.E. $\frac{1}{4}$, Sec. 28, Tp. 46, Rge. 20, W. of the 4th Mer.

Area: 160 acres.

Character of Coal: Domestic.

Thickness of Seam: 4 feet 6 inches.

Thickness of Cover: Sloping from 20 to 80 feet.

TOFIELD DISTRICT.—DISTRICT NO. 26

J. J. McDevitt. (Mine No. 140).

Mine Office: Tofield.

Overman: J. J. McDevitt.

Mine Surveyor: C. C. Sutherland.

Location of Mine: S.W. $\frac{1}{4}$, Sec. 24, Tp. 50, Rge. 19, W. of the 4th Mer.

Area: 40 acres.

Character of Coal: Domestic.

Thickness of Seam: 8 feet.

Thickness of Cover: 14 feet.

Tofield Coal Company, Limited. (Mine No. 252).

Mine Office: Tofield.

Head Office: Benson Block, Edmonton.

Authorized Capital: \$250,000.00.

President: Robert Lee.

Vice-President: W. I. Crafts.

Directors: R. Lee; W. I. Crafts; C. Gallinger.

Secretary-Treasurer: C. Gallinger.

Mine Surveyors: Driscoll and Knight.

Location of Mine: Sec. 26, Tp. 50, Rge. 19, W. of the 4th Mer.

Area: 640 acres.

Character of Coal: Domestic.

Thickness of Seam: 7 feet 6 inches.

Thickness of Cover: 16 feet.

This mine is worked as a stripping pit. The cover is removed by a Marion Steam Shovel, and railway cars are loaded by means of wheel-barrows.

The plant has a capacity of 450 tons per day.

The Dobell Coal Company, Limited. (Mine No. 340).

Mine Office: Tofield.
 Head Office: 138 St. Peter's St., Quebec.
 Authorized Capital: \$50,000.00.
 President: W. M. Dobell.
 Vice-President: A. E. Doucet.
 Directors: W. M. McPherson; Lorenzo Evans; R. Reid Dobell; T. R. Henderson.
 Secretary-Treasurer: F. O. Judge.
 Managing Director: T. R. Henderson.
 Mine Surveyor: T. R. Henderson.
 Location of Mine: S.E. $\frac{1}{4}$, Sec. 35, Tp. 50, Rge. 19, W. of the 4th Mer.
 Area: 240 acres. Character of Coal: Domestic.
 Thickness of Seam: 8 feet.
 Thickness of Cover: 14 feet.

This mine is worked as a stripping pit. The cover is removed with a steam shovel, and railway cars are loaded by means of wheel-barrows.
 The plant has a capacity of 450 tons per day.

CLOVER BAR DISTRICT.—DISTRICT NO. 27

Frederick Thomas Fudge. (Mine No. 8).

Location of Mine: N.E. $\frac{1}{4}$, Sec. 7, Tp. 53, Rge. 23, W. of the 4th Mer.
 Area: 15 acres. Character of Coal: Domestic.
 Thickness of Seam: 7 feet.
 Thickness of Cover: 70 feet.
 This mine is now abandoned.

Clover Bar Mine Coal Company. (Mine No. 9).

Mine Office: Beverly.
 Manager: Geo. H. Bilson.
 Mine Surveyor: L. C. Stevens.
 Location of Mine: L.S. 2, Sec. 18, Tp. 53, Rge. 23, W. of the 4th Mer.
 Area: 815 acres. Character of Coal: Domestic.
 Thickness of Seam: 7 feet.
 Thickness of Cover: 70 feet.

The Humberstone Coal Company, Limited. (Mine No. 43)

Mine Office: Beverly.
 President: Mrs. Beata Humberstone.
 Secretary: C. G. Sheldon.
 Manager: G. H. Bilson.
 Overman: Walter Miller.
 Examiners: W. Ashton; Geo. Thom; Wm. Dunn.
 Location of Mine: L.S. 15, Sec. 7, Tp. 53, Rge. 23, W. of the 4th Mer.
 Area: 200 acres. Character of Coal: Domestic.
 Thickness of Seam: 7 feet.
 Thickness of Cover: 50 to 125 feet.

The mine is worked on the room and pillar system, the coal being undercut by compressed air operated machines of the Radial Post and Puncher types.

The coal is hoisted in self-dumping skips and passed over a shaker screen, the plant having a capacity of 800 tons per day.

Open lights are used throughout the mine.

The Bush Mine Coal Company, Limited. (Mine No. 46).

Mine Office: Beverly.
 Authorized Capital: \$45,000.00.
 President: C. E. Laderoute.
 General Manager: H. S. Southgate.
 Manager: N. Fraser.
 Secretary-Treasurer: H. S. Southgate.
 Overman: R. Hedges.
 Mine Surveyor: N. Fraser.
 Examiner: W. Wilcox.
 Location of Mine: River Lot 42, Edmonton Settlement.
 Area: 210 acres. Character of Coal: Domestic.
 Thickness of Seam: 4 feet 6 inches.
 Thickness of Cover: 50 to 120 feet.

This mine is entered by a slope, up which the coal is hauled by a steam-operated hoist to the surface and then over a surface incline to the tippie at the R.R. track, 50 feet above the mine entrance, the plant having a capacity of 300 tons per day.

The mine is worked on the room and pillar system.
 Open lights are used throughout the mine.

Keith & Fulton. (Mine No. 69).

Mine Office: Clover Bar.
 Overman: Sam Finlay.
 Mine Surveyor: A. C. Dunn.
 Location of Mine: L.S. 16, Sec. 7, Tp. 53, Rge. 23, W. of the 4th Mer.
 Area: 40 acres. Character of Coal: Domestic.
 Thickness of Seam: 7 feet.
 Thickness of Cover: 9 feet to 100 feet.
 Open lights are used throughout the mine.

Fraser-McKay Collieries, Limited. (Mine No. 90).

Mine Office: Clover Bar.
 Head Office: 10055-101st St., Edmonton.
 Authorized Capital: \$20,000.00.
 President: Norman Fraser.
 Vice-President and General Manager: W. C. McKay.
 Manager: N. Fraser.
 Overman: R. Dalziel.
 Mine Surveyor: N. Fraser.
 Location of Mine: L.S. 12, Sec. 8, Tp. 53, Rge. 23, W. of the 4th Mer.
 Area: 160 acres. Character of Coal: Domestic.
 Thickness of Seam: 7 feet.
 Thickness of Cover: 100 feet.

The mine is entered by a shaft, up which the coal is hoisted to the tippie, and a drift driven in from the river bank, which is used as a travelling way by men and horses.

The mine is worked on the room and pillar system, the coal being hoisted up the shaft by self-dumping cages, the plant having a capacity of 500 tons per day.

Open lights are used throughout the mine.

The following improvements have been made during the year:

A box car loader installed, a bin for small coal, equipped with elevator and rotary screen, new bunk houses, and new mine cars built.

R. P. Ottewell. (Mine No. 91).

Mine Office: Clover Bar.
 Overman: W. J. Ottewell.
 Mine Surveyor: A. C. Dunn.
 Location of Mine: S.W. $\frac{1}{4}$, Sec. 17, Tp. 53, Rge. 23, W. of the 4th Mer.
 Area: 140 acres. Character of Coal: Domestic.
 Thickness of Seam: 6 feet.
 Thickness of Cover: 80 feet.

This mine is entered by drifts driven from the river bank, and is worked on the room and pillar system.

Open lights are used throughout the mine.

Great West Coal Company, Limited. (Mine No. 99).

Mine Office: Clover Bar.
 Head Office: 10126-100A Ave., Edmonton.
 President: Jas. C. Dunn.
 Directors: W. S. Cupples; J. C. Dunn; A. C. Dunn.
 Secretary-Treasurer: Thos. S. Campbell.
 Manager: A. C. Dunn.
 Overman: John Russell.
 Examiners: R. McAndrews and Jas. Chalmers.
 Location of Mine: S.E. $\frac{1}{4}$, Sec. 7, Tp. 53, Rge. 23, W. of the 4th Mer.
 Area: 1,118 acres. Character of Coal: Domestic.
 Thickness of Seam: 7 feet.
 Thickness of Cover: 160 feet.

This mine is entered by a slope from the prairie, also by drifts driven from the river bank, and is worked by the room and pillar system, the coal being undercut by electrically operated coal-cutting machines of the Chain type.

The tippie is equipped with rotary dumps and shaker screens, also rotary screen for the slack, and has a capacity of 800 tons per day.

Open lights are used throughout the mine.

A new electrically operated coal-cutting machine of the Chain type was put into operation during the year.

Marcus Coal Mines, Limited. (Mine No. 699).

Mine Office: Clover Bar.
 Head Office: 10155-100A St., Edmonton.
 Authorized Capital: \$20,000.00.
 President: R. L. McIntyre.
 Vice-President: G. N. McIntyre.
 Secretary-Treasurer: O. P. Bush.
 General Manager: A. E. Nickerson.
 Manager: L. C. Stevens.
 Overman: L. Parker.
 Mine Surveyor: L. C. Stevens.
 Location of Mine: L.S. 15, Sec. 8, Tp. 53, Rge. 23, W. of the 4th Mer.
 Thickness of Seam: 6 feet.
 Thickness of Cover: 125 feet.

This mine is entered by shafts, the coal being hoisted by self-dumping cages. The tippie is equipped with Marcus screen.

The system of working is room and pillar, the coal being undercut by compressed air operated coal-cutting machines of the Radial Post type.

Open lights are used throughout the mine.

Ferndale Collieries. (Mine No. 707).

Mine Office: Beverly.
 Location of Mine: River Lot 40, Edmonton Settlement.
 Thickness of Seam: 4 feet 6 inches.
 Thickness of Cover: 95 feet.

This mine is not at present in operation.

Molley & Raymond. (Mine No. 1052).

Mine Office: Beverly.
 Overman: John Molley.
 Location of Mine: River Lot 38, Edmonton Settlement.
 Area: 5 acres. Character of Coal: Domestic.

EDMONTON DISTRICT.—DISTRICT NO. 28

McPeak Coal Company. (Mine No. 49).

Mine Office: Corner 112th Ave. and 76th Street, Edmonton.
 Overman: Walter Williams.
 Mine Surveyor: D. Jones.
 Location of Mine: River Lot 26, Edmonton Settlement.
 Area: 35 acres. Character of Coal: Domestic.
 Thickness of Seam: 4 feet 6 inches.
 Thickness of Cover: 100 to 200 feet.

Edmonton Collieries, Limited. (Mine No. 147).

Mine Office: 92nd Street, Fraser Flats, Edmonton.
 Head Office: 10206-103rd St., Edmonton.
 Authorized Capital: \$50,000.00.
 President and General Manager: C. W. Rickard.
 Secretary-Treasurer: C. W. Leonard.
 Overman: J. Brown.
 Mine Surveyor: D. Jones.
 Location of Mine: River Lots 18 and 20, Edmonton Settlement.
 Thickness of Seam: 6 feet.
 Thickness of Cover: 100 feet.

The mine is worked on the room and pillar system, the coal being undercut by electrically operated coal-cutting machines of the Chain type.
 Open lights are used throughout the mine.

The Dawson Coal Company, Limited. (Mine No. 155).

Head Office: McDougall Court, Edmonton.
 Authorized Capital: \$30,000.00.
 General Manager and Secretary-Treasurer: C. A. Hyndman.
 Manager: L. C. Stevens.
 Overman: Thomas Strickland.
 Mine Surveyor: L. C. Stevens.
 Location of Mine: River Lot 25, Edmonton, Settlement.
 Area: 160 acres. Character of Coal: Domestic.

The seam worked at this mine has a thickness of 5 feet 6 inches, with clay shale roof. The upper 6 inches of coal is kept up as roof support. The depth of cover varies from 90 to 250 feet.

► The room and pillar system of working is adopted, the coal being undercut by compressed air operated machines of the Radial Post type.
 Open lights are used throughout the mine.

*Penn Mine Coal Company, Limited. (Mine No. 632).**Formerly The Crown Coal Company Limited.*

Mine Office: 10631-92nd Street, Edmonton.
 Head Office: 10351-82nd Street, Edmonton.
 Authorized Capital: \$50,000.00.
 President: Jas. H. Dowdell.
 Directors: J. H. Starkey; A. B. Singleton; J. H. Dowdell.
 General Manager: J. H. Starkey.
 Manager and Overman: Jas. Clyne.
 Mine Surveyor: C. C. Sutherland.
 Location of Mine: River Lot 20, Edmonton Settlement.
 Area: 130 acres. Character of Coal: Domestic.
 Owner of Property: Department of Justice, Ottawa.

This mine is located on the old site of the Dominion Penitentiary, and is entered by two shafts, each 247 feet in depth, one of which is equipped with self-dumping cages for hoisting the coal to the tippie where it passes over a bar screen. The screenings are elevated to a rotary screen placed above a bin.

The mine is worked on the room and pillar system, the coal being undercut by electrically operated coal-cutting machines of the Ironclad Chain type.

Open lights are used throughout the mine.

Reed & Brown. (Mine No. 869).

Mine Office: 74th St. and 109th Ave., Edmonton.
 President: J. H. Reed.
 Vice-President and Manager: Thos. F. Brown.
 Mine Surveyor: Thos. Brown.
 Location of Mine: River Lot 26, Edmonton Settlement.
 Thickness of Seam: 5 feet.
 Thickness of Cover: 70 to 200 feet.

This mine is entered by shafts 70 feet deep, the hoisting shaft being equipped with a self-dumping cage.

The system of working adopted is room and pillar.

An electrically operated hoist of 50 Horse Power has been installed on the surface to haul the loaded coal wagons from the mine entrance to the top of the hill, doing away with the necessity of hauling up the hill by teams.

Open lights are used throughout the mine.

STRATHCONA DISTRICT.—DISTRICT NO. 29

James Ballantyne. (Mine No. 24).

Mine Office: Strathcona.
Overman: I. Barlow.
Mine Surveyor: D. Jones.
Location of Mine: L.S. 13, Sec. 20, Tp. 51, Rge. 25, W. of the 4th Mer.
Area: 57½ acres. Character of Coal: Domestic.
Thickness of Seam: 5 feet.
Thickness of Cover: 100 feet.

A. Bulat & Steve Poholko. (Mine No. 29).

Mine Office: Edmonton South.
Overman: A. Bulat.
Mine Surveyor: D. Jones.
Location of Mine: L.S. 11, Sec. 25, Tp. 51, Rge. 23, W. of the 4th Mer.
Area: 640 acres. Character of Coal: Domestic.
Thickness of Seam: 5 feet.
Thickness of Cover: 115 feet.

Rudolph Brothers. (Mine No. 720).

Mine Office: Strathcona.
Overman: E. Rudolph.
Location of Mine: L.S. 13, Sec. 5, Tp. 51, Rge. 25, W. of the 4th Mer.
Area: 143 acres. Character of Coal: Domestic.
Thickness of Seam: 4½ feet.
Thickness of Cover: 200 feet.

F. Carrello. (Mine No. 868).

Mine Office: R.R. 3, Strathcona.
Overman: F. Carrello.
Mine Surveyor: D. Jones.
Location of Mine: L.S. 4 and 6, Sec. 28, Tp. 51, Rge. 25, W. of the 4th Mer.
Character of Coal: Domestic.
Thickness of Seam: 5 feet 6 inches.
Thickness of Cover: 80 feet.

Edmonton Cartage Company. (Mine No. 877).

Mine Office: 8103-103rd St., Edmonton.
Overman: T. Neary.
Mine Surveyor: L. Stevens.
Location of Mine: N.W. ¼, Sec. 25, Tp. 51, Rge. 25, W. of the 4th Mer.
Area: 40 acres. Character of Coal: Domestic.
Thickness of Seam: 5 feet.
Thickness of Cover: 100 feet.

M. Podgorney. (Mine No. 886).

Mine Office: Leduc.
Overman: M. Podgorney.
Location of Mine: L.S. 13, Sec. 26, Tp. 50, Rge. 27, W. of the 4th Mer.
Area: 20 acres. Character of Coal: Domestic.
Thickness of Seam: 6 feet.
Thickness of Cover: 80 feet.

Magnus Pearson. (Mine No. 888).

Mine Office: Calmar.
Overman: Magnus Pearson.
Mine Surveyor: D. Jones.
Location of Mine: L.S. 6, Sec. 36, Tp. 50, Rge. 27, W. of the 4th Mer.
Area: 20 acres. Character of Coal: Domestic.
Thickness of Seam: 6 feet.
Thickness of Cover: 100 feet.

Dominic Falvo. (Mine No. 922).

Mine Office: R.R. 3, Strathcona.
 Overman: D. Falvo.
 Mine Surveyor: D. Jones.
 Location of Mine: L.S. 11, Sec. 28, Tp. 51, Rge. 25, W. of the 4th Mer.
 Area: 80 acres. Character of Coal: Domestic.
 Thickness of Seam: 5 feet.
 Thickness of Cover: 80 feet.

John Ordge. (Mine No. 1022).

Mine Office: 7416-106th St., Edmonton.
 Overman: J. Ordge.
 Location of Mine: L.S. 12, Sec. 25, Tp. 51, Rge. 25, W. of the 4th Mer.
 Mine Surveyor: L. Stevens.
 Thickness of Seam: 4 feet. Character of Coal: Domestic.

Kost. Nimko. (Mine No. 1034).

Mine Office: 10338 Whyte Ave., South Edmonton.
 Overman: K. Nimko.
 Mine Surveyor: L. Stevens.
 Location of Mine: L.S. 11, Sec. 25, Tp. 51, Rge. 25, W. of the 4th Mer.
 Thickness of Seam: 4 feet. Character of Coal: Domestic.

E. A. Reynolds. (Mine No. 1041).

Mine Office: Wetaskiwin.
 Overman: W. Partridge.
 Location of Mine: L.S. 6, Sec. 10, Tp. 45, Rge. 24, W. of the 4th Mer.
 Thickness of Seam: 5 feet.
 Thickness of Cover: 80 feet.
 This mine is in the prospecting stage, and is not at present operating.

Wm. Collins. (Mine No. 1059).

Mine Office: General Delivery, Strathcona.
 Overman: A. McGarry.
 Location of Mine: N.W. $\frac{1}{4}$, Sec. 25, Tp. 51, Rge. 25, W. of the 4th Mer.

NOTE: The Statistics for Strathcona District are included in Edmonton District throughout the report.

NAMAQ DISTRICT.—DISTRICT NO. 30

Frank Smith. (Mine No. 389).

Mine Office: Namao.
 Overman: Frank Smith.
 Location of Mine: L.S. 16, Sec. 8, Tp. 55, Rge. 24, W. of the 4th Mer.
 Area: 20 acres. Character of Coal: Domestic.
 Thickness of Seam: 5 feet 8 inches.
 Thickness of Cover: 50 feet.

*Mrs. E. Kelly. (Mine No. 397).**(Formerly The Kelly Coal Company, Limited).*

Mine Office: Namao.
 Manager: E. Sparrow.
 Overman: Hans Hope.
 Mine Surveyor: A. Driscoll.
 Location of Mine: S.E. $\frac{1}{4}$, Sec. 8, Tp. 55, Rge. 24, W. of the 4th Mer.
 Area: 160 acres. Character of Coal: Domestic.
 Thickness of Seam: 5 feet.
 Thickness of Cover: 10 to 90 feet.

Mrs. E. Kelly. (Mine No. 428).

Mine Office: Nmao.
 Manager: E. Sparrow.
 Mine Surveyor: A. Driscoll.
 Location of Mine: L.S. 15, Sec. 8, Tp. 55, Rge. 24, W. of the 4th Mer.
 Area: 100 acres. Character of Coal: Domestic.
 Thickness of Seam: 5 feet.
 Thickness of Cover: 60 feet.

This mine is entered by shafts and is connected to the Alberta and Great Waterways R.R., by a short spur track.
 Open lights are used throughout the mine.

J. W. Clarke. (Mine No. 1006).

Mine Office: Nmao.
 Overman: J. W. Clarke.
 Location of Mine: S.W. $\frac{1}{4}$, Sec. 4, Tp. 55, Rge. 24, W. of the 4th Mer.

CARDIFF DISTRICT.—DISTRICT NO. 31

Cardiff Collieries, Limited. (Mine No. 32).

Mine Office: Cardiff.
 Head Office: Winnipeg.
 Authorized Capital: \$700,000.00.
 President: J. M. del O'Grady, Winnipeg.
 Secretary: A. Cooper, Winnipeg.
 General Manager: L. A. Leonard, Cardiff.
 Manager: D. Jones.
 Overman: E. Roberts.
 Mine Surveyor: D. Jones.
 Location of Mine: L.S. 11, Sec. 24, Tp. 55, Rge. 25, W. of the 4th Mer.
 Area: 630 acres. Character of Coal: Domestic.
 Thickness of Seam: 5 feet to 10 feet.
 Thickness of Cover: 40 feet.

This mine is entered by slopes and is worked on the room and pillar system, the coal being undercut by electrically operated coal-cutting machines of the Chain type.

The tippie is equipped with shaker screens and has a capacity of 600 tons per day.

Open lights are used throughout the mine.

Alberta Coal Mining Company, Limited. (Mine No. 129).

Mine Office: Cardiff.
 Head Office: Room 36, Bank of Montreal Building, Edmonton.
 Authorized Capital: \$250,000.00.
 President: J. L. Bell.
 Vice-President: W. L. Carter.
 Secretary-Treasurer: Geo. S. Montgomery.
 Directors: J. L. Bell; Geo. S. Montgomery; W. L. Carter.
 General Manager: Geo. S. Montgomery.
 Manager: D. Jones.
 Overman: Gus Ostheidt.
 Mine Surveyor: D. Jones.
 Location of Mine: L.S. 16, Sec. 23, Tp. 55, Rge. 25, W. of the 4th Mer.
 Area: 320 acres. Character of Coal: Domestic.
 Thickness of Seam: 16 feet.
 Thickness of Cover: 40 feet.

Banner Coal Company, Limited. (Mine No. 237).

Mine Office: Cardiff.
 Head Office: 10637-104th Ave., Edmonton.
 Manager: Jas. A. H. Church.
 Overman: Wm. Gilliland.
 Mine Surveyor: J. A. H. Church.
 Location of Mine: L.S. 5, Sec. 24, Tp. 55, Rge. 25, W. of the 4th Mer.
 Area: 160 acres. Character of Coal: Domestic.
 Thickness of Seam: 14 feet.
 Thickness of Cover: 43 feet.

The power plant at this mine was destroyed by fire on November 21st, 1922, and had not been rebuilt at the end of the year.

J. A. Magwood. (Mine No. 926).

Mine Office: Morinville.
 Overman: H. L. Patton.
 Location of Mine: N.E. $\frac{1}{4}$, Sec. 36, Tp. 56, Rge. 26, W. of the 4th Mer.
 Area: 50 acres. Character of Coal: Domestic.
 Thickness of Seam: 6 feet.
 Thickness of Cover: 15 feet.

MacDonald, Burdick, Knole & Spence. (Mine No. 1043).

Mine Office: Rochester.
 Overman: Alex. MacDonald.
 Location of Mine: L.S. 10, Sec. 24, Tp. 62, Rge. 24, W. of the 4th Mer.
 Area: 50 acres. Character of Coal: Domestic.
 Thickness of Seam: 2 feet.
 Thickness of Cover: 50 feet.

WABAMUN DISTRICT.—DISTRICT NO. 32

Lakeside Coals, Limited. (Mine No. 419).

Mine Office: Wabamun.
 Head Office: Room 36, Dominion Bank Building, Edmonton.
 Authorized Capital: \$300,000.00.
 President: E. A. McBain.
 Vice-President: G. R. Roberts.
 Secretary and Managing Director: W. W. McBain.
 Manager and Mine Surveyor: A. B. Hunter.
 Location of Mine: L.S. 15, Sec. 9, Tp. 53, Rge. 4, W. of the 5th Mer.
 Area: 680 acres. Character of Coal: Domestic.
 Thickness of Seam: 28 feet.
 Thickness of Cover: 50 to 150 feet.

This mine is entered by an entry driven in coal from the outcrop, the lower 7 feet of the seam is worked, the upper portion being kept up as a roof, owing to being a mixture of shale and dirty coal.

The system of working is room and pillar, the coal being undercut by an electrically operated coal-cutting machine of the Chain type.

A washhouse has been built and put into use during the year, also an electrically operated coal-cutting machine.

PEMBINA DISTRICT.—DISTRICT NO. 33

North American Collieries, Limited. (Mine No. 227).

Mine Office: Evansburg.
 Head Office: 801 Lancaster Building, Calgary.
 Authorized Capital: \$1,000,000.00.
 President: H. A. Lovett, K. C.
 Vice-President: Hugh Mackay.
 Directors: J. W. Pyke; R. M. Ballantyne; B. Curry; J. M. Mackie.
 Secretary: D. Macneil.
 Treasurer: T. C. Boyd.

General Manager: W. J. Dick.
 Manager: J. A. McLeod.
 Overman: Peter Melling.
 Examiners: M. Embree; D. Lamond; J. Melling; W. Birt; G. Hutchinson.
 Mine Surveyor: J. A. McLeod.
 Master Mechanic: W. H. Markle.
 Location of Mine: S.E. $\frac{1}{4}$, Sec. 30, Tp. 53, Rge. 7, W. of the 5th Mer.
 Area: 10,800 acres. Character of Coal: Domestic.
 Thickness of Seam: 7 feet 6 inches.
 Thickness of Cover: 308 feet.

The mine is entered by shafts, the hoisting shaft being equipped with self-dumping cages, the coal, after being dumped, passing over shaker screens.

The room and pillar system of working is adopted, the coal being undercut by electrically operated coal-cutting machines of the Chain type.

Haulage on the main entries is by electric locomotive of the trolley type, all gathering being done by storage battery type locomotives.

Cap lamps of the Edison electric type are used throughout the mine, the officials using the Wolfe flame type lamp in addition.

A pre-heating system has been installed for heating the intake air before it enters the mine.

JASPER PARK DISTRICT.—DISTRICT NO. 34

Blue Diamond Coal Company, Limited. (Mine No. 429)

Mine Office: Brule Mines.
 Head Office: Toronto, Ontario.
 Authorized Capital: \$1,500,000.00.
 President: J. P. Bickell.
 Vice-President: W. J. Sheppard.
 Secretary-Treasurer: H. G. Laux.
 Directors: J. P. Bickell; W. J. Sheppard; N. S. Dunlop; J. B. Tudhope;
 Strachan Johnson.
 General Manager: Gordon F. Dickson.
 Manager: Wm. G. Heeley.
 Overman: Thos. Carr.
 Mine Surveyor: C. H. Cummings.
 Location of Mine: L.S. 1, Sec. 16, Tp. 50, Rge. 27, W. of the 5th Mer.
 Area: 2,560 acres. Character of Coal: Bituminous.

This mine is entered by drifts and slopes, the strata being considerably folded. The system of working generally adopted is room and pillar, a portion of No. 3 mine was worked by the longwall method.

Edison electric lamps of the Cap type are in use by the workmen, the officials using both the Wolfe flame and Edison electric lamps.

The plant has a capacity of 2,000 tons per day.

Considerable development has been done during the year. The new tippie has been completed, fully equipped with rotary dump, belt conveyors and storage bin. 100 new mine cars have been built and put into use, and a 6 inch pipe line from the Athabasca river to the plant for water supply, also a cottage, a mine rescue station, and additions to the warehouse and hall have been built.

YELLOWHEAD DISTRICT.—DISTRICT NO. 35

Yellowhead Coal Company. (Mine No. 220).

Mine Office: Coalspur.
 Head Office: 602 McGill Building, Montreal, Quebec.
 Overman: C. E. R. Jones.
 Mine Surveyor: David Jones.
 Location of Mine: L.S. 6, Sec. 33, Tp. 48, Rge. 21, W. of the 5th Mer.
 Area: 6,600 acres. Character of Coal: Sub-Bituminous.
 Owners of Property: O'Brien and Doheny.

There were two seams being operated, No. 1 with an average thickness of 7 feet, and No. 2 being 12 feet in thickness with from 12 to 20 feet of coal, shale and sandstone, between the seams, the strata dipping 57 degrees in a south-westerly direction. The system of working was to drive chutes to the full rise of the seam with rooms off the chutes across the pitch.

The mine is at present closed owing to a fire having developed in the old workings in No. 3 seam.

Sterling Collieries, Limited. (Mine No. 769).

Mine Office: Sterco, A. C. Branch C.N.R.
 Head Office: 911 McLeod Building, Edmonton.
 Chairman of the Board: Geo. B. O'Connor.
 General Manager: R. M. Halpenny.
 Assistant General Manager: G. E. Winkler.
 Superintendent: W. F. Stevenson.
 Treasurer and Purchasing Agent: C. B. Munson.
 Secretary: F. J. Mitchell.
 Mine Surveyor: W. H. Duggan.
 Location of Mine: L.S. 2, Sec. 35, Tp. 47, Rge. 20, W. of the 5th Mer.
 Character of Coal: Sub-Bituminous.

Thickness of Seam: 200 feet.

Thickness of Cover: From 8 to 30 feet.

This mine is worked by the stripping pit system, the surface being first removed by steam shovel, after which the coal is blasted and loaded by steam shovel into dump cars and taken to the tippie by steam driven locomotive. No improvements have been made during the year.

Foothills Collieries, Limited. (Mine No. 771).

Mine Office: Foothills.
 Head Office: 228 Portage Ave, Winnipeg, Manitoba.
 Authorized Capital: \$300,000.00.
 President: W. A. Windatt.
 Vice-President: E. H. Bennest.
 Secretary-Treasurer: C. D. Shepard.
 Superintendent: W. B. Onions.
 Manager: W. H. Duggan.
 Overman: A. McGregor.
 Mine Surveyor: J. H. Smith.
 Location of Mine: L.S. 10, Sec. 24, Tp. 47, Rge. 20, W. of the 5th Mer.
 Area: 320 acres.
 Character of Coal: Sub-Bituminous.

Thickness of Seam: 17 feet.

Thickness of Cover: From 20 to 200 feet.

This mine is entered by slopes driven on the full dip of the seam, which is 12 degrees, the system of working being room and pillar.

The plant has a capacity of 500 tons per day.

Open lights are used throughout the mine.

The Balkan Coal Company, Limited. (Mine No. 775).
(Formerly the Alberta-Standard Coal Company, Limited.)

Mine Office: Balkan.
 President: Geo. Bulaic.
 Secretary: M. V. Marion.
 Overman: Evan Richards.
 Master Mechanic: J. J. Kadlec.
 Mine Surveyor: O. L. Puckett.
 Location of Mine: S.W. $\frac{1}{4}$, Sec. 14, Tp. 49, Rge. 21, W. of the 5th Mer.
 Area: 960 acres.
 Character of Coal: Sub-Bituminous.

This mine is entered by a drift driven in the coal from the outcrop at the bottom of a coulee, the coal being hoisted to the tippie at the R.R. track up a surface incline.

The seam being worked has a thickness of 12 feet, dipping 30 degrees in a north-easterly direction, and is worked on the room and pillar system.

Open lights are used throughout the mine.

McLeod River Hard Coal Company, Limited. (Mine No. 846).

Mine Office: Mercoal via Coalspur.
 Authorized Capital: \$20,000.00.
 President: N. Gurvich.
 Secretary-Treasurer: C. H. Orme.
 Directors: N. Gurvich; J. G. Scott; J. Miller.
 General Manager: W. F. Beak.
 Overman: Awrey Rice.

Mine Surveyor: David Jones.

Location of Mine: L.S. 5, Sec. 25, Tp. 48, Rge. 22, W. of the 5th Mer.

Area: 160 acres.

Character of Coal: Sub-Bituminous.

Thickness of Seam: 16 feet.

Thickness of Cover: 100 feet.

The seam dips 34 degrees in a north-easterly direction, the mine being entered by slopes driven on the full dip. The system of working adopted is room and pillar.

Open lights are used throughout the mine.

Blackstone Coal, Limited.

Mine Office: Blackstone.

Head Office: Tegler Building.

Authorized Capital: \$1,000,000.00.

President: Stuart Cameron.

Secretary-Treasurer: Jas. A. McKinnon.

Directors: Stuart Cameron; J. L. Davidson; Jas. A. McKinnon.

Manager: C. J. Ferguson.

Mine Surveyor: O. L. Puckett.

Area: 960 acres.

Character of Coal: Sub-Bituminous.

MINE NO. 896

Overman: C. J. Ferguson.

Examiner: J. Brady.

Location of Mine: L.S. 11, Sec. 16, Tp. 47, Rge. 19, W. of the 5th Mer.

MINE NO. 1014

Overman: H. Hunter.

Location of Mine: S.E. ¼, Sec. 19, Tp. 47, Rge. 19, W. of the 5th Mer.

These mines are located on the Alberta Coal Branch of the C.N.R., and are entered by drifts driven in the coal from the outcrop. The seam has a thickness of 30 feet, only 12 feet of which is being worked.

The room and pillar system of working is adopted.

Open lights are used throughout the mine.

Coal Valley Mining Company, Limited. (Mine No. 1002).

Mine Office: Coal Valley via Edson.

Head Office: C.P.R. Building, Toronto, Ontario.

Authorized Capital: \$1,000,000.00.

President: R. L. McIntyre.

Vice-President: Louis Pratt.

Managing Director: Leon Bureau.

Secretary-Treasurer: C. E. Barry.

Directors: J. H. McGregor; Ella McGregor; Geo. N. McIntyre; Count H. de Leidekerke-Beaufort.

Superintendent: Geo. W. McLeod.

Mine Surveyor: Jas. A. H. Church.

Master Mechanic: M. W. Urquhart.

Location of Mine: L.S. 16, Sec. 26, Tp. 47, Rge. 20, W. of the 5th Mer.

Area: 2,964 acres.

Character of Coal: Sub-Bituminous.

Thickness of Seam: 150 feet.

Thickness of Cover: 9 to 15 feet.

This mine is worked as a stripping pit, the cover being removed by a Marion steam shovel, after which the coal is blasted then loaded by another steam shovel into cars each holding 3 tons and taken to the tippie, which is equipped with a Marcus Screen. The coal face being worked is 70 feet wide by 60 feet in depth.

MOUNTAIN PARK DISTRICT.—DISTRICT NO. 36

Mountain Park Coal Company, Limited. (Mine No. 282).

Mine Office: Mountain Park.

Head Office: 708 Tegler Building, Edmonton.

Authorized Capital: \$3,000,000.00.

President: Lt. Col. Alex. Mitchell, Luscar, Scotland.

Board of Directors: Chairman, Lt. Col. A. Mitchell, David McCowan,
R. W. Jones, G. R. F. Kirkpatrick, R. G. Drinnan, J. C. Dunn.

Managing Directors: R. G. Drinnan and J. C. Dunn.

Secretary: J. C. Dunn.

Manager: A. N. Scott.

Overman: Wm. Robinson.

Mine Surveyor: J. W. Lewis.

Location of Mine: Sec. 33, Tp. 45, Rge. 23, W. of the 5th Mer.

Area: 5,120 acres.

Character of Coal: Bituminous.

The No. 3 seam which is being worked has a thickness of 25 feet with shale roof and sandstone pavement. Only the lower 12 feet is being worked, the balance being kept up for roof support. The strata dips 30 degrees in a south-westerly direction.

The mine is entered by slopes driven on the full dip of the seam, with levels driven off on the strike. The system of working is room and pillar. Safety lamps of the Wolfe type are used by the miners and officials, the other workmen being supplied with cap lamps of the Edison electric type.

A box car loader has been put into operation, also an electrically operated hoist. Extensions and alterations have been made to the tipple.

Cadomin Coal Company, Limited. (Mine No. 693).

Mine Office: Cadomin.

Head Office: 282 Main Street, Winnipeg, Manitoba.

Authorized Capital: \$2,000,000.00.

President: F. L. Hammond.

Vice-President: Miss E. M. Powley.

Secretary: Edward Baillee.

Directors: F. L. Hammond, C. R. De la Vergne, T. M. Burnett, E. M.
Powley.

Manager: J. H. McMillan.

Overmen: E. Coupland, J. Roberts, G. Nicol.

Mine Surveyor: R. H. Watson.

Location of Mine: L.S. 14, Sec. 31, Tp. 46, Rge. 23, W. of the 5th Mer.

Character of Coal: Bituminous.

This mine is entered by drifts driven in on the coal from the outcrop on the west side of the river. The seam has a thickness of 35 feet dipping 80 degrees in a south-westerly direction.

The tipple is located on the east side of the river, connection being made to the mine entrance by a bridge over which a rope haulage is operated. Cap lamps of the Edison electric type and Wolfe flame hand lamps type are used by both workmen and officials.

No additions have been made to the mine plant. Thirty houses and a school-house have been built during the year.

Luscar Collieries, Limited. (Mine No. 905).

Mine Office: Luscar.

Head Office: 708 Tegler Building, Edmonton.

Authorized Capital: \$1,000,000.00.

President: Lt. Col. Alexander Mitchell, Scotland.

Vice-President: R. G. Drinnan.

Directors: A. Mitchell, David McCowan, R. G. Drinnan, Col. M. E.

Lindsay, D.S.O., A. C. Dunn.

Secretary: J. C. Dunn.

Managing Directors: R. G. Drinnan, J. C. Dunn.

Manager: W. B. Hetherington.

Overman: Thos. Shaw.

Mine Surveyor: J. W. Lewis.

Location of Mine: Sec. 23, Tp. 47, Rge. 24, W. of the 5th Mer.

Area: 5,000 acres.

Character of Coal: Bituminous.

This mine is entered by entries driven in the coal from the outcrop. The seam has an average thickness of 50 feet, dipping 38 degrees in a south-westerly direction. The system of working is room and pillar, the rooms being driven up the pitch. A new opening has been made at Point Creek, one mile from the original opening, the seam having a thickness of 25 feet.

The following additions have been made to the plant:

Two locomotive type boilers and steam operated fan have been put into operation, two boarding houses, office, warehouse, store and several dwelling houses have been built, also additional trackage has been added to the R.R. sidings.

The following table gives the names and numbers of the districts, along with the name and address of the District Inspector of Mines in charge of each.

No. of District	Name of District	Name and address of District Inspector of Mines
1 2	Crow's Nest Pass Pincher Creek	James Crowder, Blairmore, Alberta. Telephone No. 70.
3 4 5 6 7 8 9 10 18	Lethbridge Magrath Milk River Taber Bow Island Medicine Hat Aldersyde High River Brooks	Nathaniel Howells, Box 307, Lethbridge, Alberta. Telephone No. 325.
14 19	Drumheller Hanna	Duncan McDonald, Drumheller, Alberta.
11 12 13 15 16 17 20 21 22 23 24 25 26 29	Calgary Canmore Banff Big Valley Saunders Brazeau Lacombe Trochu Three Hills Carbon Battle River Camrose Tofield Strathcona	Michael Cranston, Box 227, Camrose, Alberta.
27 28 30 31 32 33	Clover Bar Edmonton Namao Cardiff Wabamun Pembina	James A. Richards, Edmonton, Alberta. Telephone No. 1089.
34 35 36	Jasper Park Yellowhead Mountain Park	Thomas Horne, Edson, Alberta.

In addition to the above, Mr. James A. Richards (11009-89th Avenue, Edmonton), is acting in the capacity of General District Inspector of Mines, Telephone No. 3662.

BOARD OF EXAMINERS

The constitution of the Board during 1922 was as follows:—

As representing:—

(a) The Mine Inspectorate:

John T. Stirling, Chief Inspector of Mines.

(b) Managers:

Robert Livingstone and D. A. Macaulay.

(c) Working Miners:

Evan Morgan and B. Mathews.

Secretary:

James A. Richards.

Examinations were held during the year as follows:

For First and Second Class Certificates of Competency: on June 7, 8, 9 at Blairmore, Lethbridge, Calgary, Nordegg and Edmonton.

For Third Class Certificates of Competency: at Edmonton on May 2, 3, and October 6; at Blairmore, May 2, 3, 4; at Lethbridge: May 4; at Drumheller, May 4, 5; at Mountain Park, May 5, 6; at Calgary, June 6; at Nordegg, June 10 and at Canmore, December 13.

For Mine Surveyors' Certificates of Competency on June 9, at Blairmore, Calgary, Edmonton and Nordegg.

Eighteen candidates presented themselves for examination for First Class Certificates, of whom none were successful; thirty-five for examination for Second Class Certificates, nine of whom were successful; eighty for Examination for Third Class Certificates, of whom sixty-nine were successful; and seven for examination for Mine Surveyors' Certificates, of whom one was successful.

During the year three hundred and twenty-two Provisional Certificates were granted to persons authorizing them to Act as Overmen until they had an opportunity of obtaining final Certificates by examination.

LIST OF MINES

The following table gives particulars of mines which have been opened in the Province:—

Mine No.	Operator	Address	District No.	Location			Character of Coal	Opening	Date of Abandonment	Re-opening
				S.	T.	R. of M.				
42	Alberta Railway & Irrigation Co.	Lethbridge	2	10	5	1	Sub-Bituminous	1905	1906	.....
129	Alberta Coal Mining Co. Ltd., The	Edmonton	31	16..23	55	25	Domestic	1907	.....	.....
218	Consolidated with No. 296	Champion	9	S. ½..8	16	23	Domestic	1909	.....	.....
223	Adams Coal Mine Co. Ltd.	Lethbridge	3	¼..16	10	21	Domestic	1910	1913	.....
270	Arbaster & Lloyd	Bow Island	7	5	11	11	Domestic	1911	1913	.....
296	Ashmore & Sons	Champion	9	L.S. 1...8	16	23	Domestic	1911	.....	.....
358	Annon & Barr	Winnifred	7	L.S. 12..22	12	10	Domestic	1912	1922	.....
390	Abel, W. S.	Kippenville	5	S.W. ¼..1	3	12	Domestic	1913	1916	.....
423	Anderson, Andrew	Trochu	21	L.S. 15..22	33	23	Domestic	1914	1917	.....
432	Ashmore, James	Reid Hill	9	S.E. ¼..24	16	22	Domestic	1914	1915	.....
443	Anderson, William J.	Sheerness	19	L.S. 1...12	29	13	Domestic	1914	.....	.....
474	Armour & Sauter	Morrin	15	L.S. 2...28	31	21	Domestic	1915	1915	.....
475	Aune, George	Morrin	15	N.W. ¼..3	29	20	Domestic	1915	.....	.....
620	Alberta Block Coal Co. Ltd.	Drumheller	14	L.S. 7...17	38	23	Domestic	1916	.....	.....
631	Aiello, James	Ardley	21	L.S. 3...27	12	10	Domestic	1916	.....	.....
672	Annon, Dominic	Winnifred	7	S.E. ¼..10	29	20	Domestic	1917	.....	.....
684	Atlas Coal Co. Ltd.	Drumheller	14	N.E. ¼..12	7	3	Domestic	1917	1917	.....
708	Auchenback, Andrew	Thelma	8	L.S. 8...4	10	17	Domestic	1917	1918	.....
712	Archibald, D.	Ecan	6	L.S. 3...30	48	18	Domestic	1918	.....	.....
760	Atlas Coal Mine	Round Hill	25	N.E. ¼..18	43	17	Domestic	1918	1919	.....
792	Allen, E. D.	Rosalind	24	N.W. ¼..3	8	5	Bituminous	1919	1922	.....
820	Alberta & Crow's Nest Coal Co. Ltd.	Coleman	1	E. ½..20	38	23	Domestic	1919	.....	.....
824	Ardley Hardite Collieries Ltd.	Ardley	21	L.S. 14..22	35	20	Sub-Bituminous	1920	.....	.....
852	Alexo Coal Co. Ltd.	Saunders	16	N.E. ¼..18	43	17	Bituminous	1920	1922	.....
861	Acadia Coal Mine	Calgary	21	L.S. 16..2	8	22	Domestic	1920	1921	.....
879	Allen, E. D.	Rosalind	24	L.S. 1...35	50	26	Domestic	1921	.....	.....
889	Atkinson, J. T.	Lethbridge	3	L.S. 12..20	51	25	Domestic	1897	.....	.....
939	Arndt, Lenger & Shultz	Edmonton	29	Near Strathcona			Domestic	1897	1899	.....
24	Ballantyne, James	Edmonton	29							
25	Banach & Hoyack	Strathcona	29							

LIST OF MINES—Continued.

Mine No.	Operator	Address	District No.	Location			Character of Coal	Date of	
				S.	T.	W. of M.		Open- ing	Aban- don- ment
26	Bailey, Robert	St. Albert	30	Near St. Albert			Domestic	1897	1898
29	Bulat & Poholko	Strathcona	29	L.S. 11.. 25	51	25	Domestic	1897	1897
30	Berkovich & McPherson	Black Diamond	10	L.S. 11.. 8	20	2	Sub-Bituminous	1899	1918
34	Bangs, J. A.	Lineham	10	Near Sheep Creek			Sub-Bituminous	1897	1900
45	Baldwin, J.	Edmonton	28	Near Edmonton			Domestic	1900	1905
46	Bush Mine Coal Co. Ltd.	Beverly	27	R. L. 42, Ed. Sett.			Domestic	1905	1905
72	Blackfoot Indians	Gleichen	18	Indian Reserve			Domestic	1902	1902
117	Bothamley, C. F.	Three Hills	22	L.S. 10.. 22	31	24	Domestic	1906	1908
137	Bennett, Isaac	Reid Hill	9	N.W. 1/4.. 4	16	21	Domestic	1907	1915
143	Bell, W. J.	Bowville	10	N.E. 1/4.. 25	14	22	Domestic	1907	1915
153	Burnis Coal Co.	Burnis	1	N.E. 1/4.. 14	7	3	Bituminous	1907	1916
164	Belmont Coal Co.	Edmonton	28	L.S. 7.. 24	53	24	Domestic	1908	1908
167	Ben Nevis Mines Ltd.	Nevis	20	S.E. 1/4.. 11	39	22	Domestic	1908	1908
168	Beaver Dam Coal Co.	Nevis	20	N.E. 1/4.. 2	39	22	Domestic	1908	1913
176	Bradshaw Mining Co.	Magrath	4	L.S. 6.. 7	29	22	Domestic	1908	1913
189	Balagh, A. & J. Supak	Carbon	23	L.S. 16.. 29	16	21	Domestic	1909	1919
206	Burdett City Coal Co.	Burdett	7	L.S. 11.. 18	10	16	Domestic	1910	1915
224	Bennett, Isaac	Armada	9	L.S. 11.. 18	10	16	Domestic	1910	1917
229	Berford, Edward	Taber	6	L.S. 5.. 24	55	25	Domestic	1910	1916
232	Bawlf Collieries Ltd.	Bawlf	23	N.W. 1/4.. 32	39	15	Domestic	1910	1916
234	Baker, Hoge & Baker	Eyremore	18	L.S. 13.. 36	40	16	Domestic	1910	1916
237	Banner Coal Co. Ltd.	Cardiff	31	L.S. 4.. 1	41	16	Domestic	1910	1913
240	Bitterman, Jacob	Halkirk	24	N.W. 1/4.. 22	40	15	Bituminous	1910	1913
243	Bish Bros. & Le Gear	Forestburg	20	N.W. 1/4.. 9	1	25	Domestic	1911	1913
248	Bish Bros. & Co.	Forestburg	24	S.E. 1/4.. 28	39	16	Domestic	1911	1916
256	Brazau Collieries Ltd.	Nordeg	17	S.E. 1/4.. 16	6	30	Sub-Bituminous	1911	1913
284	Big Chief Coal Mining Co. Ltd.	Kimball	5	S.E. 1/4.. 7	46	18	Domestic	1911	1917
288	Baines, H.	Gadsby	20	S.E. 1/4.. 6	26	4	Bituminous	1911	1912
300	Bullock Coal Mining Co.	Pincher Creek	2	Lucky Strike	3	11	Domestic	1911	1914
302	Battle River Collieries	Rosenroll	25						
305	Bonnie Brae Coal & Quarries Ltd.	Cochrane	12						
306	Bennie, James S.	Lucky Strike	5						

LIST OF MINES—Continued.

Mine No.	Operator	Address	Dis- trict No.	Location			Character of Coal	Date of	
				S.	T.	W.		Open- ing	Aban- don- ment
345	Consolidated with No. 732	Maleb	7	L.S.	13	6	Domestic	1912	1916
356	Brown, Moses	Medicine Hat	8	N.E.	14	28	Domestic	1912	1916
364	Big Valley Collieries Ltd.	Big Valley	15	N.W.	14	1	Domestic	1912	1913
365	British Collieries Ltd.	Red Deer	17		43	20	Bituminous	1912	1915
372	Bathurst Mining Co. Ltd.	Diamond City	3		5	10	Domestic	1912	1915
388	Bighorn & Saunders Creek Coll. Ltd.	Saunders	16	N.E.	14	24	Sub-Bituminous	1913	1916
391	Block Coal Collieries Ltd.	Taber	6	N.	12	19	Domestic	1913	1914
401	Black, William	Lucky Strike	5	L.S.	8	10	Domestic	1913	1915
404	Bergran, F.	Halkirk	20		18	39	Domestic	1913	1915
406	Consolidated with No. 433	Lineham	10		2	20	Sub-Bituminous	1913	1915
415	Brocklebank, George	Parr	19	L.S.	4	5	Domestic	1913	1919
416	Burns Coal Mines Ltd., P.	Calgary	12	L.S.	5	14	Bituminous	1913	1919
429	Blue Diamond Coal Co. Ltd.	Brule	34	L.S.	1	16	Bituminous	1914	1920
433	Blacklock, David B.	Lineham	10	S.E.	14	2	Sub-Bituminous	1914	1914
435	Bye, E. F.	Lucky Strike	5	L.S.	9	16	Domestic	1914	1914
452	Borthwick, Alexander	Pincher Creek	2	S.W.	14	17	Sub-Bituminous	1914	1918
454	Bembridge, Arthur	Warner	5	L.S.	12	9	Domestic	1914	1915
456	Brooks, Edmund J.	Hillsprings	2	L.S.	9	13	Sub-Bituminous	1914	1914
457	Bradley & Watson	Pincher Creek	2		16	6	Sub-Bituminous	1914	1914
464	Brooks, Burton T.	Drumheller	14	L.S.	4	23	Domestic	1915	1915
485	Black Diamond Oil Field Ltd.	Lineham	10		29	19	Domestic	1915	1915
486	Brown, Charles E.	Hanna	19	L.S.	3	29	Domestic	1915	1916
619	Ball, Matthew	Brida	21	N.E.	14	10	Domestic	1915	1916
646	Bradshaw, James	Garden Plain	19	L.S.	4	1	Domestic	1916	1918
647	Brisco, Frank	Hillsprings	5		4	3	Domestic	1916	1918
655	Brown, Samuel H.	Halcourt	37	L.S.	6	21	Domestic	1916	1918
659	Bennett, Isaac	Armada	9	L.S.	9	29	Domestic	1916	1918
689	Bragdich, George	Thelma	8	L.S.	5	18	Domestic	1917	1917
700	Brooks & King	Elcan	6	L.S.	2	10	Domestic	1917	1917
716	Bare, W. R.	Maycroft	2	L.S.	9	27	Sub-Bituminous	1917	1919
724	Burnstadt, S. H.	Round Hill	25	S.W.	14	14	Domestic	1917	1919
732	Breeding, S. B.	Maleb	7	L.S.	13	6	Domestic	1918	1920

LIST OF MINES—Continued.

Mine No.	Operator	Address	Dis- trict No.	Location		W. of M.	Character of Coal	Date of	
				S.	T. R.			Open- ing	Aban- don- ment
736	Blacklock, David B.	Lineham	10	L.S.	8	20	Sub-Bituminous	1918	1921
755	Brisco, Frank	Cardston	5	W.	1/2	34	Domestic	1918	1918
757	Bow City Coal Co.	Eyremore	18	S.W.	1/4	32	Domestic	1918	1921
774	Britannia Collieries Ltd.	Wabamun	32	R.A.	7-8	53	Domestic	1918	1921
775	Balkan Coal Co. Ltd.	Coalspur	35	S.W.	1/4	14	Sub-Bituminous	1918	1921
780	Brooks, C. T.	Bow Island	7	L.S.	2	1	Domestic	1918	1921
781	Bow City Coal Co.	Eyremore	18	S.W.	1/4	32	Domestic	1918	1921
786	Burns Coal Mines Ltd., P.	Calgary	12	L.S.	3	14	Bituminous	1918	1921
802	Blairmore Coal Co. Ltd.	Blairmore	1	E.	1/2	34	Bituminous	1919	1921
804	Betts, Alma	Manyberries	5	L.S.	9	18	Domestic	1919	1921
833	Brookdale Collieries Ltd.	Lovett	35	L.S.	6	16	Sub-Bituminous	1919	1921
842	Battie, James A.	Bassano	18	S.W.	1/4	34	Domestic	1919	1921
875	Baxter, Robert & F. F.	Rocky Mt. House	17	S.E.	1/4	21	Bituminous	1920	1921
881	Bradley & Walters	Lucky Strike	5	L.S.	11	10	Domestic	1921	1921
883	Baird, J. W.	Carbon	23	N.E.	1/4	15	Domestic	1921	1921
895	Bowden, E. S.	Taber	6	L.S.	8	16	Domestic	1921	1922
896	Blackstone Coal Ltd.	Blackstone	35	L.S.	5, 11, 12, 14	16	Sub-Bituminous	1921	1921
897	Bryan Coal Co. Ltd.	Lovettville	35	N.	1/2	17	Sub-Bituminous	1921	1921
908	Bishop, R. H.	Millet	29	L.S.	1	4	Domestic	1921	1921
928	Blaine, Claude H.	Nevis	20	L.S.	15	10	Domestic	1921	1922
935	Barker, J. H.	Gainford	33	E.	1/2	36	Domestic	1921	1922
943	Belmont Coal Co. Ltd.	Edmonton	29	L.S.	3	11	Domestic	1921	1922
952	Bohme Bros. & Gilles	Forestburg	24	L.S.	4	33	Domestic	1921	1922
954	Bobier, L.	Lousana	21	L.S.	9	26	Domestic	1921	1921
955	Bulcourt, Louis	Halkirk	24	S.E.	1/4	11	Domestic	1921	1921
957	Blair, Dennis	Delburne	21	L.S.	5	23	Domestic	1921	1921
962	Bolze, William	Delburne	21	L.S.	5	23	Domestic	1921	1921
963	Battie, James A.	Milo	9	L.S.	14	10	Domestic	1921	1922
969	Blades, James	Nevis	20	L.S.	14	10	Domestic	1921	1921
971	Brandt, F. A.	Camrose	25	S.E.	1/4	28	Domestic	1921	1922
973	Beaver Coal Co.	Ardley	21	L.S.	16	17	Domestic	1922	1922

LIST OF MINES—Continued.

Mine No.	Operator	Address	District No.	Location			Character of Coal	Date of			
				S.	T.	R.		Open- ing	Aban- don- ment		
				L.S.	10.	17	44	19	4	Domestic	1922
982	Bellamy, J. J.	Edberg	24							Domestic	1922
984	Bembridge, Arthur	Magrath	4	L.S.	3.	30	37	15	4	Domestic	1922
999	Broderson, O.	Halkirk	20	L.S.	3.	1	7	22	4	Domestic	1922
1014	Consolidated with No. 896	Blackstone	35	S.E.	1/4.	19	47	19	5	Sub-Bituminous	1922
1023	Brown, Austine C.	Milo	9	S.W.	1/4.	27	19	21	4	Domestic	1922
1031	Barr, Peter	Bow Island	7	L.S.	14.	22	12	10	4	Domestic	1922
1044	Berg & Brown	Alix	21	L.S.	3.	29	38	23	4	Domestic	1922
1068	Blair, Alphonso	Delburne	21	L.S.	8.	11	38	24	4	Domestic	1922
2	Canmore Coal Co. Ltd., The	Canmore	12	L.S.	29	24	10	5		Bituminous	1896
3	Canadian Pac. Ry. Dept. Nat. Res.	Lethbridge	3	L.S.	13.	6	9	21	4	Domestic	1895
9	Clover Bar Mine Coal Co.	Beverly	27	L.S.	2.	18	53	23	4	Domestic	1897
14	Consolidated with No. 9	Beverly	27	L.S.	1.	18	53	23	4	Domestic	1896
32	Cardiff Collieries Ltd.	Cardiff	31	L.S.	11.	24	55	25	4	Domestic	1902
44	Carpenter, Elia	St. Albert	30	S.W.	1/4.	17	55	24	4	Domestic	1897
62	Cresswell, Charles	Medicine Hat	8	Near Medicine Hat						Domestic	1902
63	Cameron, John	Okotoks	10	Near Okotoks						Sub-Bituminous	1902
80	Canadian Pac. Ry. Dept. Nat. Res.	Bankhead	13		19	26	11	5		Anthracite	1903
83	Consolidated Coal Mining Co.	Medicine Hat	8		2	9	5	4		Domestic	1905
93	Cameron, John	Edmonton	28	R.L. 18 Ed. Sett.						Domestic	1904
115	Carbon Stopp Coal Mining Co.	Carbon	23	L.S.	13.	12	29	23	4	Domestic	1906
121	Carbon Brick & Coal Co.	Carbon	23	L.S.	19	29	23	4		Domestic	1906
132	Canadian Pacific Railway Co.	Taber	6	L.S.	14.	7	10	16	4	Domestic	1907
192	City of Lethbridge	Lethbridge	3	L.S.	7.	36	8	22	4	Domestic	1909
207	Carbon Hill Coal & Coke Co.	Spokane	1		3	6	3	5		Bituminous	1909
215	Chappell, E. E.	Tofted R.R. No. 3	25	L.S.	11.	14	49	18	4	Domestic	1909
230	Cousins, R. W. K.	Cochrane	11	S.E.	1/4.	6	26	4	5	Sub-Bituminous	1910
247	Chinook Coal Co. Ltd.	Commerce	3	L.S.	7.	12	10	22	4	Domestic	1910
260	Connor Coal Mining Co. Ltd.	Wabamun	32	S.W.	1/4.	14	53	4	5	Domestic	1910
293	Coal Securities Ltd.	Frank	2		2	6	3	5		Sub-Bituminous	1911
339	Collins, James A.	Coalspur	35		33	48	21	5		Sub-Bituminous	1912
349	Callie Coal Co. Ltd.	Drumheller	14	L.S.	14.	2	29	20	4	Domestic	1912
360	Castella Brothers	Standard	18	L.S.	13.	2	25	22	4	Domestic	1912

LIST OF MINES—Continued.

Mine No.	Operator	Address	District No.	Location		W. of M.	Character of Coal	Date of	
				S.	T. R.			Open- ing	Aban- don- ment
374	Canadian Dinant Coal Co. Ltd.	Dinant	25	N.E. 1/4..12	48	20	Domestic	1912	1914
386	Cameron Brothers	Namoo	30	S.W. 1/4..17	55	24	Domestic	1913	1915
387	Cable Bros. & Williams	Gadsby	20	N.W. 1/4..28	39	16	Domestic	1913	1916
420	Clarke & Davis	Namoo	30	S.E. 1/4..8	55	24	Domestic	1913	1915
424	Consumers' Coal Co. Ltd.	Wabamun	32	E. 1/2..30	52	4	Domestic	1914	1917
438	Curren, J. D.	Banff	13	1/2..33	25	11	Anthracite	1914	1917
460	Clemens, P. F.	Gem	18	L.S. 4..12	23	15	Domestic	1914	1916
473	Cook, W. R.	Morin	15	N.E. 1/4..28	31	21	Domestic	1915	1916
492	Cattenach, Donald	Garden Plain	19	N.E. 1/4..6	34	13	Domestic	1915	1915
498	Carter, Marvin M.	Halkirk	20	N.E. 1/4..6	37	15	Domestic	1915	1921
499	Cambrian Coal Co.	Elcan	6	L.S. 2..4	10	17	Domestic	1915	1921
629	Calgary Copper Co. Ltd.	Calgary	11	3 miles N. Eldon			Copper	1915	1919
634	Clarke, A. C.	Verdant Valley	14	N.E. 1/4..14	28	19	Domestic	1916	1921
657	Coldren, Earl	Peace River	37	L.S. 3..28	83	21	Domestic	1916	1918
660	Christopher, J. F.	Gadsby	20	S.E. 1/4..28	39	16	Domestic	1916	1916
680	Chapman, George	Erskine	20	S.E. 1/4..34	37	22	Domestic	1917	1917
693	Cadomin Coal Co. Ltd.	Cadomin	36	L.S. 14..31	46	23	Bituminous	1917	1917
697	Celtic Coal Co. Ltd.	Wayne	14	L.S. 7..18	28	19	Domestic	1917	1917
722	Christie Oil Co.	Calgary	11	L.S. 1..18	26	5	Sub-Bituminous	1917	1918
726	Colter, E. C.	Drumheller	14	L.S. 16..12	28	19	Domestic	1918	1918
744	Chaley, Mike	Wayne	14	L.S. 7..19	28	19	Domestic	1918	1918
749	Carbon Coal Co. Ltd.	Carbon	23	L.S. 15..11	29	23	Domestic	1918	1918
799	Cooper, H. T.	Lousana	21	N.W. 1/4..24	36	22	Domestic	1919	1920
767	Consolidated with No. 749	Carbon	23	L.S. 11..15	29	23	Domestic	1918	1918
807	Calvin, J. E.	Donalda	24	L.S. 1..29	41	17	Domestic	1919	1919
828	Chambers, George, and David Orr	Edberg	24	L.S. 6..32	43	18	Domestic	1919	1919
851	Carbon Coal Agencies Ltd.	Carbon	23	L.S. 16..14	29	23	Domestic	1920	1920
856	Carbon Gem Coal Co.	Carbon	23	L.S. 13..11	29	23	Domestic	1920	1920
867	Callie Coal Co. Ltd., The	Drumheller	14	4..28	51	25	Domestic	1920	1921
868	Carello, Frank	Edmonton	29	E. 1/2..29	38	23	Domestic	1921	1921
912	Carbondale Coal Co. Ltd.	Ardley	21	L.S. 4..31	35	19	Domestic	1921	1921
923	Colbert, H. V.	Big Valley	15				Domestic	1921	1921

LIST OF MINES—Continued.

Mine No.	Operator	Address	District No.	Location			Character of Coal	Date of	
				S.	T.	R.		Open- ing	Aban- don- ment
932	Cloutman & Bergren	Gadsby	20	L.S. 8	29	39	16	1921	1922
941	Creeighton, J. J.	Champion	9	N.W. 1/4	10	19	21	1921	1922
960	Campbell & Walton	Forestburg	24	L.S. 13	31	40	14	1921	.....
965	Comrey Coal Co.	Comrey	5	L.S. 4	9	2	6	1921	.....
1002	Coal Valley Mining Co. Ltd.	Prattville	35	L.S. 16	26	47	20	1922	.....
1003	Corraini, Vittoria	Maleb	7	L.S. 13	6	8	10	1922	.....
1006	Clarke, G. W.	Holden	30	S.W. 1/4	4	55	24	1922	.....
1024	Campbell, C. C.	Trochu	21	L.S. 9	21	39	16	1922	.....
1026	Christopher & Anderson	Gadsby	20	S.W. 1/4	10	31	22	1922	.....
1033	Campbell, Robert	Ghost Pine	23	L.S. 16	3	40	16	1922	.....
1036	Cloutman, J. C.	Gadsby	24	S.W. 1/4	22	42	17	1922	1922
1042	Carlson, John	Heisler	24	N.W. 1/4	25	51	25	1922	.....
1059	Collins, W.	Edmonton South	29	L.S. 5	36	8	22	1902	.....
106	Donaldson, C. S. Coal Co.	Lethbridge	3	L.S. 6	1	10	17	1905	1918
152	Driggs, H. A.	Grassy Lake	7	N.E. 1/4	15	10	13	1907	1910
155	Dawson Coal Co. Ltd.	Edmonton	28	R.L. 25 Ed. Sett.	34	38	23	1907	1918
166	Dweak, R. E.	Alix	21	L.S. 29	9	16	4	1908	1909
173	Duncan, W. E.	Taber	6	R.L. 17	28	52	24	1908	1921
177	Donkin & Stevens Co.	Edmonton South	29	N.W. 1/4	36	8	2	1909	1910
190	Durrant, R. B.	Livingstone	2	L.S. 12	18	39	15	1910	1914
236	Drowning Ford Co., The	Medicine Hat	8	S.E. 1/4	18	11	24	1911	.....
273	Davis & Green	Halkirk	20	S.W. 1/4	36	35	20	1911	1913
285	Davis, Thomas	Noble	9	S.W. 1/4	36	35	20	1911	1914
287	Davidson, G. W.	Big Valley	15	S.W. 1/4	36	35	20	1911	1914
290	Davison, R. T.	Big Valley	15	S.W. 1/4	36	35	20	1911	1914
298	Consolidated with No. 290	Big Valley	15	S.W. 1/4	36	35	20	1911	1914
326	Davis, W. M.	Scollard	15	S.E. 1/4	35	50	19	1911	1914
340	Dobell Coal Co. Ltd.	Tofield	26	L.S. 13	6	3	11	1912	.....
362	Duell, Richard	Longview	10	L.S. 13	6	3	11	1913	1916
381	Davies, Evan T.	Lucky Strike	5	L.S. 13	6	3	11	1913	1914
425	Depew & Miller	Raymond	4	L.S. 13	6	3	11	1913	1914

LIST OF MINES—Continued.

Mine No.	Operator	Address	District No.	Location				Character of Coal	Date of	
				S.	T.	R.	W. of M.		Open- ing	Aban- don- ment
453	Davis & Brown	Pincher Creek	2	27	5	29	4	Sub-Bituminous	1914	1915
463	Dennis, Wilson	Maycroft	2	31	10	2	5	Sub-Bituminous	1914	1915
605	Donaldson, Christopher S.	Commerce	3	N.W. 1/4	16	10	21	Domestic	1915	1916
614	Dietrich Bros. & Johnson	Forestburg	24	L.S. 4	14	42	17	Domestic	1915	1916
641	Davies, Evan T.	Milk River	5	E. 1/2	35	2	16	Domestic	1916	1916
669	Domestic Coal Co.	Taber	6	L.S. 3	1	10	17	Domestic	1916	1916
735	DuRocherville Mining Co. Ltd.	Nanton	10	L.S. 3	1	10	17	Domestic	1916	1916
815	Debrinski, J. L. & Joe	Rosebud	14	L.S. 13	33	27	21	Sub-Bituminous	1918	1918
860	Duchess Coal Company	Calgary	18	L.S. 1	2	23	15	Domestic	1919	1919
885	Dick & Pickering	Bassano	18	S.E. 1/4	33	21	14	Domestic	1920	1922
909	Dunn & Causey	Taber	6	L.S. 11	18	10	16	Domestic	1921	1921
970	Dimmer, Matt.	Trochu	21	N.E. 1/4	22	33	22	Domestic	1921	1922
992	Donaldson Coal Co., C.S.	Lethbridge	3	L.S. 16	36	8	22	Domestic	1922	1922
1004	DuRocher, Francis	High River	10	L.S. 3	8	18	2	Sub-Bituminous	1922	1922
1067	Davenport, Joseph	Cluny	18	S.W. 1/4	7	22	20	Domestic	1922	1922
10	Edmonton Coal Company	Edmonton	28	R.L. 22 Ed. Sett.				Domestic	1897	1904
20	Elliott & Louisberg	Edmonton	28	Near Edmonton				Domestic	1897	1898
50	Edmonton Coal Company	Edmonton	28	R.L. 20 Ed. Sett.				Domestic	1901	1904
68	Evans & Robinson	Edmonton	28	R.L. 25 Ed. Sett.				Domestic	1902	1905
70	Ellis, William	Okotoks	10	S.E. 1/4	9	18	2	Sub-Bituminous	1902	1911
118	Evans, John	Medicine Hat	8	S.E. 1/4	5	13	6	Domestic	1906	1907
130	Elcan Valley Collieries Ltd.	Elcan	6	S.E. 1/4	3	10	17	Domestic	1907	1918
147	Edmonton Collieries Ltd.	Edmonton	28	Fraser Flats	9	10	13	Domestic	1907	1911
213	Ervin, S.	Grassy Lake	7	S.W. 1/4	32	2	15	Domestic	1909	1914
259	Erickson Brothers	Milk River	5	L.S. 12	26	2	26	Domestic	1910	1913
316	Evans, Evan	Cardston	5	L.S. 12	26	2	26	Domestic	1911	1913
384	Ellis Coal Co. Ltd., The	Three Hills	22	S.W. 1/4	36	31	24	Domestic	1913	1913
410	Ensign, H. F.	Whitla	7	S.W. 1/4	24	12	8	Domestic	1913	1915
628	Eldon Mining Co. Ltd.	Calgary	13	South of Eldon				Copper	1915	1922
703	Excelsior Collieries Ltd.	Wayne	14	L.S. 3	7	27	19	Domestic	1917	1917
725	Edmonson, Mrs. M. M.	Dela	19	L.S. 12	24	28	18	Domestic	1918	1918
764	Eccles & Harvey	Beynon	14	L.S. 2	6	28	20	Domestic	1918	1919

LIST OF MINES—Continued.

Mine No.	Operator	Address	Dis- trict No.	Location			Character of Coal	Date of	
				S.	T.	R.		Open- ing	Aban- don- ment
784	Engstrom, N. F.	Rose Lynn	19	L.S.	1	34	28	13	1918
819	Elgin Coal Co. Ltd.	Drumheller	14	L.S.	14	2	29	20	1919
857	Erickson, V.	Standard	18	L.S.	5	11	25	20	1920
870	Erickson, George	Donalda	24	S.W.	1/4	13	43	18	1920
873	Enders, G. H.	Heister	24	L.S.	7	34	42	17	1920
877	Edmonton Cartage Co. Ltd., The	Edmonton	29	L.S.	1/4	25	51	25	1920
880	Edmonson, A.	Delia	19	N.W.	3	24	28	18	1920
893	Evans, Hugh	Lethbridge	3	L.S.	1	16	10	21	1921
910	Ellis, James	Champion	9	L.S.	1	4	16	23	1921
924	Emery, C. R.	High River	10	L.S.	14	8	18	2	1921
985	Edwards, H. K.	Drumheller	14	S.W.	1/4	14	29	20	1922
8	Fudge, F. T.	Clover Bar	27	N.E.	1/4	30	7	3	1922
48	Franco-Canadian Collieries Ltd.	Frank	1	N.W.	1/4	30	7	3	1900
90	Fraser-MacKay Collieries Ltd.	Clover Bar	27	L.S.	12	8	53	23	1904
98	Consolidated with No. 90	Clover Bar	27	L.S.	12	8	53	23	1905
151	Farrell, Charles	Reid Hill	9	L.S.	15	24	16	23	1907
187	Fraser & Smith	Carbon	23	L.S.	5	15	29	23	1908
323	Fortune, John	Bow Island	7	L.S.	8	14	9	11	1911
342	Footte, J. C.	Pleasant View	7	L.S.	9	7	9	8	1912
351	Fortin, W.	Legal	31		25	57	25	4	1912
600	Ferguson, David	Elcan	6		4	10	17	4	1913
627	Fanning, Clarence	Donalda	24	L.S.	15	32	41	18	1915
656	Finigan, John K.	Halcourt	37	S.W.	1/4	25	70	11	1921
667	Falkner, William	Alix	20		1	39	23	4	1916
688	Furler, W. R.	Ghost Pine	23		33	30	22	4	1917
713	Federal Coals Ltd.	Lethbridge	3	L.S.	15	36	8	22	1917
707	Ferndale Collieries Ltd.	Edmonton	27	R.L.	40 Ed. Sett.				1917
729	Fanning, C.	Donalda	24	L.S.	3	5	42	18	1921
733	Firth, Albert & Co.	Lethbridge	3	L.S.	4	11	8	22	1919
758	Fraser, Alec.	Carmangay	9	L.S.	14	25	14	22	1918
771	Foothills, Collieries Ltd., The	Foothills	35	L.S.	10	24	47	20	1918
777	Farrar, Henry	Lomond	9	L.S.	9	28	15	21	1922

LIST OF MINES—Continued.

Mine No.	Operator	Address	District No.	Location			Character of Coal	Date of	
				S.	T.	R. of W. M.		Open- ing	Aban- don- ment
806	Finstead, John & Co.	Pendant D'Oreille....	5	L.S. 2...21	2	7	Domestic	1919	1922
865	Farnell, J. H.	Big Island	29	L.S. 11...29	51	25	Domestic	1920	.....
922	Falvo, Dominic	Edmonton	29	L.S. 11...28	51	25	Domestic	1921	.....
944	Fodor, John	Etzikom	7	L.S. 16...10	7	9	Domestic	1921	.....
958	Fife Coal Company	Carbon	23	S. 1/2...13	29	23	Domestic	1921	.....
987	Ferens, Joseph	Taber	6	L.S. 8...11	10	17	Domestic	1922	.....
1012	Fanning, C.	Donalda	24	L.S. 6...25	42	17	Domestic	1922	.....
1049	Fuller, D. H.	Stettler	21	L.S. 8...34	37	22	Domestic	1922	.....
1055	Fergstad, C. A.	Round Hill	25	L.S. 10...30	48	18	Domestic	1922	.....
1060	Fox, A.	Carbon	23	L.S. 12...7	29	22	Domestic	1922	.....
1066	Farrar, Henry	Lethbridge	4	L.S. 12...8	7	21	Domestic	1922	.....
13	Gibbard & Boutwell	Namoo	30	S.W. 1/4...17	55	24	Domestic	1898	1901
27	Gough & O'Neil	St. Albert	30	Near St. Albert			Domestic	1896	1898
35	Gillespie Bros.	High River	10	N.E. 1/4...6	13	6	Sub-Bituminous	1898	1909
58	Great Northern Railway	Pincher Creek	2	South of Pincher Creek			Sub-Bituminous	1901	1906
67	Gallagher & Hull	Edmonton	29	Near Edmonton South			Domestic	1902	1903
89	Great West Coal Co. Ltd., The	Edmonton	27	7 53 23			Domestic	1906	1914
127	Great West Coal Co. Ltd., The	Edmonton	27	7 53 23			Domestic	1903	.....
184	Garneau, Larry, Jr.	Edmonton	28	S.E. 1/4...7	53	23	Domestic	1907	1908
200	Geddes, Day & Gibb	Pincher Creek	2	R.L. Edm. Sett.			Sub-Bituminous	1909	1911
211	Green, H. V.	Medicine Hat	8	N.W. 1/4...11	11	1	Domestic	1909	1914
231	Georgetown Collieries Ltd.	Hal Kirk	20	S.E. 1/4...18	39	15	Domestic	1909	1914
278	Georgensen, Sebb.	Cannore	12	N.W. 1/4...1	25	11	Bituminous	1910	1916
283	Great West Coal Co. Ltd., The	Lucky Strike	5	L.S. 9...16	3	12	Domestic	1911	1911
289	Gray, Armour	Edmonton	27	S.W. 1/4...6	53	23	Domestic	1911	1915
294	Gibson, George	Gadsby	20	L.S. 10...28	39	16	Domestic	1911	1911
297	Ginther, F. M.	Grassy Lake	7	S.W. 1/4...12	13	9	Domestic	1911	1913
336	Gardiner, R.	Medicine Hat	8	S.W. 1/4...3	16	5	Domestic	1911	1912
352	Gainford Collieries Ltd.	Medicine Hat	33	14 53 6			Domestic	1912	1914
359	Grant, John A.	Gainford	10	21 19 2			Domestic	1912	1913
377	Gibson, George S. & Son	Black Diamond	7	L.S. 4...25	9	13	Sub-Bituminous	1913	.....
		Grassy Lake					Domestic	1913	.....

LIST OF MINES—Continued.

Mine No.	Operator	Address	District No.	Location			Character of Coal	Date of		Re-opening
				S.	T.	W. of R. M.		Open- ing	Aban- don- ment	
378	Consolidated with No. 436	Aerial	14	S.E.	1/4	28	Domestic	1913	1913	1916
421	Goodie, Philip	Groton	5	L.S.	10	10	Domestic	1913	1915	1916
436	Great West Coal Co. Ltd.	Aerial	13	S.E.	1/4	28	Domestic	1914	1914	1916
458	Gilruth, James A.	Fishburn	2	L.S.	8	27	Sub-Bituminous	1914	1914	1916
459	Gardner, Fred (now D. Chambers)	Swallow	23	S.W.	1/4	15	Domestic	1914	1915	1922
478	Giamarino, N.	Dela	19	L.S.	12	13	Domestic	1915	1919	1922
487	Gidd, Fred	Dowling Lake	19	L.S.	2	33	Domestic	1915	1915	1919
603	Griffiths, Evan	Donalda	24	N.E.	1/4	32	Domestic	1915	1918	1919
611	Glover, William	Hanna	19	S.W.	1/4	29	Domestic	1915	1918	1919
623	Gordon, D. R.	Trochu	21	S.W.	1/4	32	Domestic	1915	1918	1919
645	Gwilliam, David	Namao	30	S.W.	1/4	6	Domestic	1916	1916	1919
687	Gibson, Samuel	Grassy Lake	7	L.S.	7	25	Domestic	1917	1917	1919
701	Givens, John	Drumheller	14	L.S.	10	11	Domestic	1917	1918	1920
728	Green, James	Drumheller	14	L.S.	32	27	Domestic	1918	1919	1920
747	Gouge, Jesse	Cluny	18	S.E.	1/4	8	Domestic	1918	1918	1920
797	Gutche, Fred	Edmonton South	29	L.S.	3	21	Domestic	1918	1919	1920
801	Garrick, John	Drumheller	14	L.S.	6	28	Domestic	1919	1919	1920
898	Gibson Collieries Ltd.	Drumheller	14	L.S.	6	22	Domestic	1921	1921	1922
901	Goodin, J. B.	Hutton	18	L.S.	15	12	Domestic	1921	1921	1922
972	Gilday, M.	Drumheller	14	L.S.	7	22	Domestic	1922	1922	1922
976	Gatine, R.	Hesketh	23	N.E.	1/4	7	Domestic	1922	1922	1922
980	Guss, John N.	Alix	20	S.W.	1/4	3	Domestic	1922	1922	1922
1013	Goodie, Philip	Foremost	5	L.S.	1/4	36	Domestic	1922	1922	1922
1040	Garner, Arthur	Hillspring	5	L.S.	3	4	Domestic	1922	1922	1922
6	Humberstone, William	Edmonton	28	R.L. 12 Ed. Sett.			Domestic	1896	1905	1905
17	Holloway, R.	Edmonton	28	N. Sask. River			Domestic	1899	1899	1899
17	Hillcrest Collieries Ltd.	Hillcrest	1	N.E.	1/4	18	Bituminous	1905	1905	1905
40	Humberstone Coal Co. Ltd., The	Beverly	27	L.S.	15	7	Domestic	1899	1904	1913
92	Hamilton, J. K.	Lethbridge	3	S.E.	1/4	31	Domestic	1904	1904	1913
169	Harper Coal Co.	Edmonton	28	R.L. 22 Ed. Sett.			Domestic	1906	1910	1913
134	Henderson Bros.	Reid Hill	9	N.E.	1/4	29	Domestic	1907	1913	1913
171	Hanna & Moe	Taber	6	N.E.	1/4	27	Domestic	1908	1909	1909

LIST OF MINES—Continued.

Mine No.	Operator	Address	District No.	Location			Character of Coal	Date of	
				S.	T.	R.		Open- ing	Aban- don- ment
181	Hart, Edward	Taber	6	S.E. 1/4	11	10	Domestic	1908	1917
209	Head Syndicate Ltd.	Burnis	1		9	7	Bituminous	1909	1913
214	Halbert, William	Three Hills	22		22	31	Domestic	1909	1915
254	Heighes, George	Lethbridge	3		27	10	Domestic	1910	1914
272	Hutchinson, John S.	Bow Island	7	S.E. 1/4	15	9	Domestic	1911	1915
274	Halkirk Collieries Ltd.	Halkirk	20	N.E. 1/4	30	38	Domestic	1911	1913
325	Hallett, Thomas	Castor	20	L.S. 8	4	38	Domestic	1911	1921
329	Heaney, John	Castor	20	N.E. 1/4	4	38	Domestic	1911	1921
335	Hutchison, W. S.	Drumheller	14		14	29	Domestic	1912	1915
366	Holmes, Joseph	Grassy Lake	7	S. of Grassy Lake			Domestic	1912	1913
373	Hedrich, William	Trochu	21	S.E. 1/4	20	33	Domestic	1912	1913
380	Halliday, George W.	Delia	19		28	30	Domestic	1913	1918
417	Hallett, Thomas	Castor	20	N.E. 1/4	26	37	Domestic	1913	1921
426	Halbert, William	Trochu	21	N.E. 1/4	12	33	Domestic	1913	1918
427	Hronek, Benjamin	Halkirk	20	L.S. 7	18	39	Domestic	1914	1918
437	Hudson, W. H.	Queenstown	9		23	18	Domestic	1914	1915
472	Hildahl, Edwin	Morrin	15	L.S. 7	28	31	Domestic	1915	1917
493	Consolidated with No. 325	Castor	20		4	38	Domestic	1915	1917
638	Harrison, Stephen	Lethbridge	3	S.W. 1/4	35	8	Domestic	1916	1916
674	Hannah, G. G.	Lethbridge	3	L.S. 4	16	10	Domestic	1916	1918
694	Hodgson, Joseph	Rowley	15	L.S. 13	12	32	Domestic	1917	1917
696	Hunter, John T.	Garden Plain	19	L.S. 16	36	33	Domestic	1917	1917
709	Halbert, David	Sheerness	21	L.S. 5	17	29	Domestic	1917	1918
717	Halbert, William	Castor	20	L.S. 2	34	37	Domestic	1917	1918
730	Hetherington, Frederick	Carmanagay	9	L.S. 13	30	14	Domestic	1918	1918
754	Hamilton, W. L.	Pincher Creek	2	L.S. 9	27	6	Sub-Bituminous	1918	1920
776	Hy-Grade Coal Co. of Drumheller Ltd.	Drumheller	14	L.S. 4	11	29	Domestic	1918	1920
778	Hanson, C. H.	Edberg	24		13	43	Domestic	1918	1922
791	Haywood & Airy	Gadsby	20	S.E. 1/4	7	40	Domestic	1918	1921
823	Harlech Coal Co. Ltd.	Harlech	16		10	41	Sub-Bituminous	1919	1921
825	Haines, A. E.	Medicine Hat	8	N.W. 1/4	28	12	Domestic	1919	1919
859	Halbert, David	Trochu	21		23	33	Domestic	1920	1920

LIST OF MINES—Continued.

Mine No.	Operator	Address	District No.	Location			Character of Coal	Date of	
				S.	T.	W.		Open- ing	Aban- don- ment
871	Hamilton, J. F.	Lethbridge	3	L.S.	14..36	8	Domestic	1920	.....
876	Heape, J. P.	Donalda	24	N.E.	1/4..28	41	Domestic	1920	.....
882	Haywood, A.	Gadsby	20	L.S.	11..7	40	Domestic	1921	.....
884	Henderson & Stringer	Calgary	23	N.E.	1/4..10	29	Domestic	1921	1922
913	Hook, Alfred J.	Halkirk	18	L.S.	1..7	39	Domestic	1921	.....
914	Haley & Paterson	Wheat Centre	18	L.S.	3..23	17	Domestic	1921	.....
948	Hill & Hughson	Rosalind	24	L.S.	4..11	40	Domestic	1921	.....
959	Hankins, Evert	Foreman	24	L.S.	7..10	38	Domestic	1922	.....
986	Holt, John J.	Erskine	20	S.W.	1/4..34	5	Domestic	1922	.....
1011	Hartley, William	Stirling	4	L.S.	2..36	14	Domestic	1922	.....
1028	Hetherington & Fraser	Carmangay	9	L.S.	8	8	Bituminous	1903	.....
88	International Coal & Coke Co. Ltd.	Coleman	1	N.	1/2..4	10	Domestic	1906	.....
111	Irvine, Thomas	Elcan	6	S.E.	1/4..19	10	Domestic	1910	.....
114	Independent Coal Co. Ltd., The	Elcan	6	S.E.	1/4..19	10	Domestic	1907	.....
138	International Land Dev. Co.	Winnifred	7	S.	1/2..6	28	Domestic	1907	.....
159	Imperial Coal Co.	Taber	6	S.	1/2..6	28	Domestic	1918	.....
748	Ivey, John	Drumheller	14	L.S.	16..1	28	Domestic	1920	.....
844	Ideal Coal Co. Ltd.	Wayne	14	L.S.	10..24	28	Domestic	1922	.....
1001	Iveson, Frater	Rainbow	19	N.W.	1/4..18	39	Domestic	1913	.....
269	James, C. K.	Halkirk	20	L.S.	9..6	49	Bituminous	1911	.....
280	Jasper Park Collieries Ltd.	Pocahontas	34	S.E.	1/4..28	39	Domestic	1911	.....
312	James, C. K.	Gadsby	20	L.S.	8..21	12	Domestic	1912	.....
371	Jacobson, John	Bow Island	7	N.E.	1/4..29	2	Domestic	1913	.....
407	Jaynes, Robert	Milk River	5	L.S.	12..28	40	Domestic	1914	1919
447	James Bros.	Forestburg	24	L.S.	32	10	Sub-Bituminous	1915	.....
462	Jeffrey, James	Maycroft	2	N.W.	1/4..21	30	Domestic	1915	.....
470	Joberg, A. F.	Dela	19	L.S.	9..33	15	Domestic	1915	.....
476	Johnson & Popovich	Champion	9	E.	1/2..21	30	Domestic	1915	.....
482	Consolidated with No. 470	Dela	19	L.S.	5..22	2	Domestic	1916	.....
642	Jennings, Peter P.	Pendant D'Oreille	5	L.S.	1/4..7	28	Domestic	1919	.....
643	Jewel Collieries Ltd.	Wayne	14	S.E.	9..12	49	Domestic	1916	.....
683	Jasper Park Collieries Ltd.	Pocahontas	34	L.S.	9..12	49	Bituminous	1921	.....

LIST OF MINES—Continued.

Mine No.	Operator	Address	District No.	Location			Character of Coal	Date of		Re-opening
				S.	T.	W. of M.		Open- ing	Aban- don- ment	
686	Jackson, Alfred	Grassy Lake	7	L.S.	1..27	9 13 4	Domestic	1917	1917	.....
691	Jackson, Alfred	Grassy Lake	7	L.S.	15..23	9 13 4	Domestic	1917	1917	.....
746	Jones, Samuel A.	Drumheller	14	L.S.	16..30	29 19 4	Domestic	1918	1918	.....
750	Jones, Peter	Commerce	3	L.S.	13..27	10 21 4	Domestic	1918	1918	.....
782	Johnson, Alexander	Beynon	14	L.S.	14..31	27 20 4	Domestic	1918	1919	.....
841	Johnson, Chris	Carbon	23	N.E.	1/4..9	29 22 4	Domestic	1919	1920	.....
866	Johnston, Frank G.	Suffield	8	L.S.	10..28	12 10 4	Domestic	1920	1920	.....
937	Jones, Elias	Delia	19	L.S.	14..21	30 17 4	Domestic	1921	1921	.....
938	James, David	Alliance	24		36	40 13 4	Domestic	1921	1922	.....
991	Jackson, Anthony	Trochu	22		27	33 23 4	Domestic	1922	1922	.....
1035	Jones & Williamson	Alix	21	L.S.	1..3	39 23 4	Domestic	1922	1922	.....
1047	Jackson & Fry	Donalda	24	L.S.	10..32	41 18 4	Domestic	1922	1922	.....
1048	Jackson, Thomas	Delburne	21	L.S.	16..2	38 24 4	Domestic	1922	1922	.....
1064	James, David	Alliance	24	L.S.	1..32	40 15 4	Domestic	1922	1922	.....
53	Knee Hill Coal Co. Ltd.	Carbon	23	L.S.	3..14	29 23 4	Domestic	1898	1921	.....
69	Keith & Fulton	Clover Bar	27	L.S.	16..7	53 23 4	Domestic	1902	1902	.....
103	Knowlton, G. H.	Carstairs	12	L.S.	14..19	29 5 5	Domestic	1905	1913	.....
120	Kummer, William	Longview	10	S.W.	1/4..8	18 2 5	Sub-Bituminous	1906	1921	.....
125	Ketchum Coal Co.	Edmonton	27	N.W.	1/4..7	53 23 4	Domestic	1906	1910	.....
178	Consolidated with No. 397	Namoo	30	S.E.	1/4..8	55 24 4	Domestic	1908	1908	.....
197	Consolidated with No. 226	Eyremore	18		1/4..9	17 17 4	Domestic	1909	1909	.....
219	Knowlton, G. H.	Bituma	12	L.S.	13..10	29 5 5	Bituminous	1910	1915	.....
226	Kleenbirm Collieries Ltd.	Eyremore	18	L.S.	2..16	17 17 4	Domestic	1910	1910	.....
333	Kovaice, Frank	Grenlea	7	S.W.	1/4..9	8 8 4	Domestic	1912	1916	.....
375	Kane, T. A.	Garden Plain	19	L.S.	7..1	34 14 4	Domestic	1912	1912	.....
397	Kelly, Mrs. E.	Namoo	30	S.E.	1/4..8	55 24 4	Domestic	1913	1913	.....
399	Koffler, Mike	Prosper	7	S.W.	1/4..13	7 9 4	Domestic	1913	1913	.....
428	Kelly, Mrs. E.	Namoo	30	L.S.	15..8	55 24 4	Domestic	1914	1915	.....
440	Kaye, Herschel	Maycroft	2	N.E.	1/4..11	10 2 4	Domestic	1914	1915	.....
445	Knee Hill Valley Coal Co.	Twining	22	L.S.	6..14	31 24 4	Sub-Bituminous	1914	1916	.....
480	Klump, Dan.	Delia	19	L.S.	6..23	30 17 4	Domestic	1915	1915	.....
484	Krozier, John	Hutton	18	N.E.	1/4..7	23 14 4	Domestic	1915	1918	.....

LIST OF MINES—Continued.

Mine No.	Operator	Address	Dis-trict No.	Location			Character of Coal	Date of		Re-open-ing
				S.	T.	R. of M.		Open-ing	Aban-don-ment	
496	Keehn, John	Craigville	19	L.S.	7	3	33	16	4	1915
633	Kent, Johnson & Whitford	Bon Accord	31	N.E.	1/4	17	56	23	4	1916
635	Kurp, Theo.	Delburne	21	L.S.	4	7	38	24	4	1916
644	Kale, Philip	Lucky Strike	5	L.S.	6	1	3	12	4	1916
790	Kurp, B. C.	Delburne	21	L.S.	10	38	24	4	4	1918
836	Key stone Collieries	Lethbridge	3	L.S.	3	36	8	22	4	1919
837	Kuhnert, Hiller & Hine	Edmonton South	29	S.W.	1/4	6	51	25	4	1919
839	Keats, J. W.	Standard	18	S.E.	1/4	29	24	22	4	1919
900	Kerrison, T. W.	Eyremore	18	L.S.	3	23	17	17	4	1921
915	Ketchmark, George	Eyremore	18	L.S.	15	14	17	17	4	1921
917	Knee Hill Coal Co. Ltd.	Calgary	23	N.W.	1/4	14	29	23	4	1921
947	Kellough, W. D.	Latham	18	L.S.	13	17	17	17	4	1921
967	Kurp, B. C.	Delburne	21	L.S.	11	38	24	4	4	1921
968	Kobi, Emil	Endiang	20	S.W.	1/4	4	36	15	4	1921
998	Kerrison, Thomas W.	Eyremore	18	L.S.	13	11	17	17	4	1922
1038	Krozier, John	Duchess	18	L.S.	13	36	22	15	4	1922
1053	Kruse, Fred	Heisler	24	N.E.	1/4	10	41	17	4	1922
82	LeBlanc, Emil	Taber	6	L.S.	8	10	16	4	4	1922
126	Leitch Collieries Ltd.	Passburg	1	L.S.	14	7	3	5	5	1916
131	Larson, Andrew	Travers	6	L.S.	9	4	10	17	4	1915
185	Long, D. H.	Bow Island	7	L.S.	7	36	11	11	4	1919
205	Lindqvist, A. A.	Bow Island	7	L.S.	5	22	12	10	4	1914
309	Laarz, F. W.	Fraserton	19	S.E.	1/4	21	28	14	4	1913
319	Lake View Coal Co.	Wabamun	32	L.S.	29	52	4	5	4	1911
324	Lavenne, Jules	Winnifred	7	L.S.	5	22	12	10	4	1914
400	Lavenne, Jules	Winnifred	7	L.S.	8	21	12	10	4	1911
419	Lakeside Coals Ltd.	Wabamun	32	L.S.	15	9	53	4	5	1916
441	Linder, Karl	Halkirk	20	L.S.	5	18	39	15	4	1913
444	Lebisto, John	Twining	22	L.S.	11	14	31	24	4	1914
467	Lancaster & Willan	Camrose	25	N.E.	1/4	10	48	18	4	1918
601	Law, George	Round Hill	25	N.E.	1/4	10	48	18	4	1921
613	Lindqvist & Anderson	Donalda	24	L.S.	7	30	41	17	4	1915

LIST OF MINES—Continued.

Mine No.	Operator	Address	District No.	Location			Character of Coal	Date of		Re-opening
				S.	T.	W. of M.		Open- ing	Aban- don- ment	
676	Lethbridge Coal Co. Ltd.	Lethbridge	3	L.S. 12..12	9	22	Domestic	1916	1917	1917
677	Lavonne, Jules	Winnifred	7	L.S. 1...21	12	10	Domestic	1917	1918	1918
698	Lanark Coal Co.	Elcan	6	L.S. 2...4	10	17	Domestic	1917	1918	1918
706	Lyons, H. E.	Morley	12	L.S. 3...17	26	5	Bituminous	1917	1918	1918
740	Lindqvist, Victor	Aerial	14	L.S. 11..29	28	19	Domestic	1918	1918	1918
751	Lavonne, Jules	Winnifred	7	L.S. 2...27	12	10	Domestic	1918	1918	1918
789	Lindqvist, Victor	Donalda	24	L.S. 8...25	41	18	Domestic	1918	1922	1922
812	Lasseter, Thos. E.	Delburne	21	L.S. 15..2	38	24	Domestic	1919	1922	1922
858	Little, Edward	Longview	10	L.S. 1...9	18	2	Sub-Bituminous	1920	1922	1922
894	Lowry Bros.	Nevis	20	S.W. 1/4..15	38	22	Domestic	1921	1922	1922
903	Last, Harry	Elkwater	8	L.S. 16..23	8	3	Domestic	1921	1922	1922
905	Luscar Collieries Ltd.	Luscar	36	L.S. 16..34	47	24	Bituminous	1921	1921	1921
961	Larson & Berry	Holborn	31	L.S. 16..34	50	1	Domestic	1921	1921	1921
1016	Locke, H. A.	Craigmyle	19	L.S. 1...11	38	24	Domestic	1922	1922	1922
1030	Leduc & Mainfroid	Delburne	21	L.S. 1-2...11	38	24	Domestic	1922	1922	1922
1037	Lasseter, Thomas E.	Delburne	21	L.S. 1...11	38	24	Domestic	1922	1922	1922
5	Martin, Robert	Edmonton South	29	R.L. 26 Ed. Sett.			Domestic	1897	1902	1902
12	Martin & King	Edmonton South	29	R.L. 26 Ed. Sett.			Domestic	1897	1904	1904
15	Marsh & Neel	Edmonton South	29	R.L. 18 Ed. Sett.			Domestic	1897	1902	1902
52	Mays Coal Co.	Edmonton	27	R.L. 18 Ed. Sett.	7	53	Domestic	1901	1902	1902
60	Martin, E. D.	Edmonton	28	R.L. 25 Edm. Sett.	7	53	Domestic	1902	1904	1904
74	Milner & Shoeman	Edmonton	27	R.L. 25 Edm. Sett.	7	53	Domestic	1903	1913	1913
100	Martin Brothers	Edmonton South	29	N. 1/2..4	10	17	Domestic	1905	1905	1905
124	Marsh, John	Elcan	6	L.S. 16..21	7	3	Bituminous	1906	1910	1910
133	Mohawk Bituminous Mines Ltd.	Bellevue	1	S.E. 1/4..4	10	17	Domestic	1907	1908	1908
140	Marsh, John	Elcan	6	S.E. 1/4..4	10	17	Domestic	1907	1910	1910
158	Marsh Brothers	Elcan	6	S.E. 1/4..4	10	17	Domestic	1907	1910	1910
175	Marsh, John	Taber	6	L.S. 13..23	9	13	Domestic	1908	1908	1908
180	Mills, Jonathan J.	Grassy Lake	7	L.S. 14..34	37	14	Domestic	1910	1918	1918
246	Marincl & Persling	Castor	20	S. 1/2..9	12	10	Domestic	1910	1911	1911
266	Murphy, M. T.	Bow Island	7	L.S. 5...26	2	16	Domestic	1911	1921	1921
271	Milk River Colliery Co.	Milk River	5				Domestic	1911	1921	1921

LIST OF MINES—Continued.

Mine No.	Operator	Address	District No.	Location			Character of Coal	Date of		Re-open- ing
				S.	T.	R. M.		Open- ing	Aban- don- ment	
277	Miller, Irving E.	Allerton	5	L.S.	8..35	2 12 4	Domestic	1911	1914	1921
282	Mountain Park Coal Co. Ltd.	Mountain Park	36		33	45 23 5	Bituminous	1911		
292	Morris, John	Pincher Creek	2		16	6 30 4	Sub-Bituminous	1911	1913	
299	Medloski, Joe	Rosebud	14	L.S.	13..20	26 21 4	Domestic	1911		
330	Mikilik, John	Pincher Creek	2		25	5 2 5	Sub-Bituminous	1911	1918	1920
331	Mitchell, A. E.	Bow Island	7	S.W.	1/4..3	10 11 4	Domestic	1912	1913	
354	Miller, Arthur	Dela	19	L.S.	9..21	30 17 4	Domestic	1912	1918	1918
367	Midland Collieries Ltd.	Midlandvale	14	L.S.	10..9	29 20 4	Domestic	1912		
395	Molloy, Andrew	Picture Butte	3	L.S.	14..27	10 21 4	Domestic	1913		
434	M. P. Collieries	Taber	6	L.S.	8..4	10 17 4	Domestic	1914	1921	
451	Meheitz, Frank	Botha	18	S.E.	1/4..11	39 16 4	Domestic	1914	1918	
466	Moore, Clark	Eyremore	16	S.W.	1/4..15	17 17 4	Domestic	1915	1915	
477	Masciangelo, John	Dela	19	L.S.	3..28	30 17 4	Domestic	1915	1915	
489	Murray, John	Grassy Lake	7		9	10 13 4	Domestic	1915		
497	Morse & Larrair	Hanna	19	L.S.	1..19	29 14 4	Domestic	1915		
602	Morrison, W. J.	Little Plume	8	L.S.	11..2	9 5 4	Domestic	1915		
604	March, Adam	Donalda	24	L.S.	15..32	41 18 4	Domestic	1915	1918	
617	Morland Brothers	Stettler	20		24	37 22 4	Domestic	1915	1916	
618	Muncy, M. S.	Foreman	24	L.S.	9..26	40 16 4	Domestic	1915	1921	
622	Miner, Albert T.	Kelsey	24	S.W.	1/4..8	43 17 4	Domestic	1915	1917	1918
649	Moody, James	Pendant D'Oreille	5	L.S.	16..22	2 7 4	Domestic	1916	1918	
668	May, Frank	Beazer	5	L.S.	3..7	2 26 4	Domestic	1916	1917	
675	Murray, J. N.	Drumheller	13	L.S.	12..28	27 18 4	Domestic	1916	1918	
685	Munton, Evan	Long Coulee	9	L.S.	4..17	15 21 4	Domestic	1917	1920	
699	Marcus Coal Mines Ltd.	Clover Bar	27	L.S.	15..8	53 23 4	Domestic	1917	1921	
702	Mullen & Williams	Elcan	6	L.S.	13..3	10 17 4	Domestic	1917	1918	
715	Murland, Richard	Pincher Creek	2	S.W.	1/4..16	5 1 5	Sub-Bituminous	1917		
719	Mitchinson, Arthur	Donalda	24	L.S.	1..5	42 18 4	Domestic	1917		
727	Marx, G. W. D.	Huxley	21	L.S.	15..24	34 22 4	Domestic	1918	1918	
734	Marzoli & Company	Rosedale Station	14	L.S.	11..21	28 19 4	Domestic	1918		
752	Miller, J. K.	Drumheller	14	L.S.	3..2	28 20 4	Domestic	1918	1918	
766	Moonlight Coal Co. Ltd.	Aerial	14	L.S.	16..16	28 19 4	Domestic	1918		

LIST OF MINES—Continued.

Mine No.	Operator	Address	District No.	Location			W. of M.	Date of		Re-open- ing		
				S.	T.	R.		Open- ing	Aban- don- ment			
779	Mosley, Aaron	Pincher Creek	2	N.W.	14	17	6	30	4	Sub-Bituminous	1918	1921
783	Munro, Alex.	Rose Lynn	19	L.S.	13	27	28	13	4	Domestic	1918	1919
785	Martin, Sebastian	Forestburg	24	L.S.	5	33	40	15	4	Domestic	1918	1922
805	Murphy, Josie & Lindqvist	Donalda	24	L.S.	8	25	41	18	4	Domestic	1919	1920
826	Miller, W. O.	Del Bonita	5	L.S.	13	28	1	22	4	Domestic	1919	1922
843	Monkman, A.	Lake Saskatoon	37	S.W.	14	22	70	7	6	Domestic	1920	1920
848	Mid-West Collieries Ltd.	Drumheller	14	L.S.	7	2	29	20	4	Domestic	1920	1920
863	Mitchinson, Joseph	Donalda	24	L.S.	2	5	42	18	4	Domestic	1920	1921
874	Makarevich, Paul	Forestburg	24	L.S.	6	2	41	16	4	Domestic	1920	1921
911	Meek, F. G.	Heisler	24	L.S.	1	33	42	17	4	Domestic	1921	1921
926	Magwood, J. A.	Morinville	31	N.E.	14	36	56	26	4	Domestic	1921	1921
950	Matte, A.	Leduc	29	L.S.	5	6	51	25	4	Domestic	1921	1921
953	Martin Bros. & Robinson	Forestburg	24	L.S.	8	32	40	15	4	Domestic	1921	1921
956	Muncy Brothers	Foreman	24	L.S.	2	35	40	16	4	Domestic	1921	1921
1000	Morgan, Earl	Castor	20	L.S.	14	16	37	15	4	Domestic	1922	1922
1010	Miller, Henry	Taber	6	L.S.	15	36	10	17	4	Domestic	1922	1922
1018	Maple Leaf Coal Co.	Ardley	21	S.W.	14	17	38	23	4	Domestic	1922	1922
1019	Mitchell, C. E.	Huxley	21	L.S.	4	10	34	22	4	Domestic	1922	1922
1051	Martin & Demco	Red Willow	24	S.E.	14	24	40	18	4	Domestic	1922	1922
1052	Molloy & Raymond	Edmonton	27	R.L.	38	Ed. Sett.				Domestic	1922	1922
1056	Moschinross, C.	Red Deer	21	L.S.	16	2	38	24	4	Domestic	1922	1922
49	McPeak Coal Company	Edmonton	28	112th Ave. & 76th St.						Domestic	1905	1908
119	McIntosh, C. G.	High River	10	S.W.	16	18	2	5		Sub-Bituminous	1906	1907
149	McDevitt, J. J.	Tofield	26	L.S.	11	9	6	2	5	Domestic	1907	1915
199	McDowall Brothers	Beaver Mines	2	L.S.	11	9	6	2	5	Sub-Bituminous	1909	1921
204	McGillivray Creek Coal & Coke Co. Ltd.	Coleman	1							Bituminous	1909	1911
217	McWilliams, Alex.	Lethbridge	2		8	10	22	4	5	Domestic	1909	1911
222	McFarlane, William	Pincher Creek	2		27	6	2	2	5	Sub-Bituminous	1910	1913
253	McKinnon, A. D.	Pincher Creek	2		36	5	2	5	5	Sub-Bituminous	1910	1915
275	McCormack, A. D.	Castor	20	S.W.	14	3	38	14	4	Domestic	1911	1911
279	McKay, D. G.	Milk River	5	L.S.	3	1	3	16	4	Domestic	1911	1911
304	McLean, Hugh D.	Castor	20	S.E.	14	34	37	14	4	Domestic	1911	1911

LIST OF MINES—Continued.

Mine No.	Operator	Address	District No.	Location			Character of Coal	Date of		Re-opening
				S.	T.	W. of M.		Open- ing	Aban- don- ment	
334	McAllister, Robert	Sutfield	8	E.	29	13	Domestic	1912	1914	
343	McGuire, A. J.	Lethbridge	3	1/2..25	8	22	Domestic	1912	1913	
385	McGuire, James S.	Trochu	21	1/4..16	33	23	Domestic	1913	1913	
398	McCafferty, Thomas	Fertility	19	18	33	13	Domestic	1913	1915	
405	McIntyre, W. H.	Magrath	4	L.S. 3...24	3	22	Domestic	1913	1921	
408	McGuire, A. J.	Crow's Nest	1	L.S. 4...5	8	5	Bituminous	1913	1913	
418	Consolidated with No. 275	Castor	20				Domestic	1913		
455	McPherson, Peter	Fishburn	2	S.E. 1/4..3	4	28	Sub-Bituminous	1914	1917	
468	McFadden & Farnell	Big Valley	15	L.S. 12..36	35	20	Domestic	1915	1916	
607	McDonald, Donald	Donalda	24	L.S. 8...30	41	17	Domestic	1915	1916	1921
612	McLean, Charles A.	Wildunn	19	L.S. 2...6	30	13	Domestic	1915	1916	
626	McRae, W. A.	Parr	17	L.S. 1...6	29	14	Domestic	1915	1921	
664	McTaggart & Morton	Erskine	20	N.E. 1/4..33	38	22	Domestic	1916	1917	
714	McDonald, William	Champion	9	L.S. 4...9	15	22	Domestic	1917	1917	
773	McGuire Collieries Ltd.	Edmonton	28	R.L. 2, 121st St.			Domestic	1918	1919	
846	McLeod River Hard Coal Co. Ltd.	Mercoal	35	L.S. 5...25	48	22	Sub-Bituminous	1920		
921	McKinlay, Thomas	Trochu	21	L.S. 16..14	33	23	Domestic	1921		
929	McNaughton, Harry	Champion	9	L.S. 1...4	16	21	Domestic	1921	1922	
951	McDermid, C. C.	Alix	21	School Sec. 29			Domestic	1921		
978	McIntyre, Thomas	Carbon	23	S.W. 1/4..13	29	23	Domestic	1922		
1029	McCall, C. B.	Rumsey	15	L.S. 12..7	34	21	Domestic	1922		
1043	McDonald, Burdick, Knole & Spence	Rochester	31	L.S. 10..24	62	24	Domestic	1922		
1046	McLean, J. S.	Halkirk	20	L.S. 6...20	40	15	Domestic	1922		
57	Nash, Thomas	Pincher Creek	2	S. 1/2..34	5	29	Sub-Bituminous	1902	1913	
141	Namoo Coal Co.	Namoo	30	W. 1/2..3	55	24	Domestic	1907	1909	
174	North American Collieries Ltd.	Coalhurst	3	L.S. 2...21	9	22	Domestic	1908		
203	New Barnes Coal Co.	Lethbridge	3	L.S. 9...31	9	21	Domestic	1909		
227	North American Collieries Ltd.	Evansburg	33	S.E. 1/4..30	53	7	Domestic	1910		
233	North American Collieries Ltd.	Lovetville	35	3	47	19	Sub-Bituminous	1910		
257	Noble, William G.	Hutton	18	L.S. 6...7	23	14	Domestic	1912	1915	
267	North American Collieries Ltd.	St. Albert	28	N.W. 1/4..28	53	25	Domestic	1911	1916	
310	North Alberta Coal Syndicate	Pocahontas	34	29	49	26	Bituminous	1911	1913	

LIST OF MINES—Continued.

Mine No.	Operator	Address	District No.	Location			Character of Coal	Date of		Re-opening
				S.	T.	R. of M.		Open- ing	Aban- don- ment	
317	Newcastle Coal Co. Ltd.	Drumheller	14	S.E.	1 1/4	9 29 20	Domestic	1911		
327	Nicol & Bradshaw	Trochu	21	S.W.	1/4	5 34 22	Domestic	1911	1913	
348	Neisner, John	Munson	14	L.S.	5	23 20 4	Domestic	1912	1916	
350	Northern Construction Co.	Winnipeg	17			39 10 5	Bituminous	1912	1914	
357	Nash, Thomas	Pincher Creek	2			27 4 28	Sub-Bituminous	1912	1914	
376	Nelson & Johnson	Trochu	21			30 34 21	Domestic	1913	1914	
393	North Kootenay Pass Coal Co.	Frank	1			29 7 4	Bituminous	1913	1913	
402	North American Collieries Ltd.	Nacmire	14			8 29 20	Domestic	1913		
412	New Era Coal Co. Ltd.	Wabamun	32			14 53 4	Domestic	1913	1915	
658	Noble, Henry	Boundary Creek	5	L.S.	1	15 1 26	Domestic	1916	1920	
692	Natrass, D. W.	Boundary Creek	5	L.S.	10	18 3 7	Domestic	1917	1918	
731	North Star Coal Co. Ltd.	Alix	21	L.S.	16	33 38 23	Domestic	1918		
816	Newcastle Junior Mining Co. Ltd.	Drumheller	14	L.S.	9	3 29 20	Domestic	1919		
855	Noble, Henry	Boundary Creek	5	L.S.	11	15 1 26	Domestic	1920		
889	Ness, Paul	Erskine	20	L.S.	10	34 37 22	Domestic	1922		
1009	Noble, Alex.	Boundary Creek	5	L.S.	4	22 1 26	Domestic	1922		
1034	Nimko, Kos	Edmonton South	29	L.S.	11	25 51 25	Domestic	1922		
1045	Nordblad, Gust & Morris	Lethbridge	3	L.S.	15	2 8 22	Domestic	1922		
37	Consolidated with No. 772	Medicine Hat	8	L.S.	4	5 13 6	Domestic	1899	1919	
91	Ottewell Coal Mine, R. P.	Clover Bar	27	S.W.	1/4	17 53 23	Domestic	1904		
170	Oliver, Edward	Taber	6	L.S.	14	3 10 17	Domestic	1908		
201	Oliver, Lewis	Kelsey	6	L.S.	5	18 10 16	Domestic	1909		
242	Orr, David	Sheerness	24	L.S.	3	15 44 19	Domestic	1910	1916	
262	Oscar Collieries Ltd.	Pincher Creek	19	L.S.	2	19 29 12	Domestic	1910		
295	Owen, J. H.	Heisler	2	N.W.	1/4	10 5 1 5	Sub-Bituminous	1911		
609	O'Brien & Gilles	Basing	24	L.S.	5	22 42 17	Domestic	1915		
648	Oliphant-Munson Collieries Ltd.	Hanna	35	N.E.	1/4	23 48 21	Sub-Bituminous	1916	1921	
670	Olson, Emil	Medicine Hat	19	S.W.	1/4	19 29 14	Domestic	1917		
772	Oliphant, John	Foremost	8	L.S.	2	5 13 6	Domestic	1918		
814	Oliver, Lewis	Twining	7	L.S.	3	28 6 11	Domestic	1918		
818	Ogilvie & Large	Edmonton	22	L.S.	2	11 31 24	Domestic	1919	1919	
892	Ordze & Thomas	Edmonton	28	R.L.	25 Edm. Sett.		Domestic	1921	1922	

LIST OF MINES—Continued.

Mine No.	Operator	Address	Dis- trict No.	Location			Character of Coal	Open- ing	Date of Aban- don- ment	Re- open- ing
				S.	T.	W. M.				
940	O'Connor, William T.	Castor	26	L.S.	10. 24	37 14	Domestic	1921	1922	....
1022	Ordge, John	Edmonton	29	L.S.	12. 25	51 25	Domestic	1922	....	....
59	Patton, John L.	Lundbreck	2	N.E.	14. 26	7 2	Sub-Bituminous	1902	....	....
139	Patterson, Thomas	Elean	6	S.E.	14. 26	9 18	Domestic	1907	1907	....
145	Pincher Creek Coal Mining Co. Ltd.	Pincher Creek	2		17	6 30	Sub-Bituminous	1907	1913	....
210	Premier Coal & Coke Co. Ltd.	Frank	1			5 4	Bituminous	1909	1914	....
261	Paulson, P. A.	Coleman	1		9	7 4	Bituminous	1910	1913	....
318	Poxon, John	Carbon	23	L.S.	9. 29	30 22	Domestic	1911	1919	....
341	Perini, Carl	Prosby	7	L.S.	9. 5	8 8	Domestic	1912	....	....
369	Petrie, J. H.	Edmonton S.	29		28	51 25	Domestic	1912	1913	....
361	Priddis Bituminous Coal Co. Ltd.	Priddis	11	N.W.	14. 7	22 3	Sub-Bituminous	1912	1918	1922
392	Peace River Collieries Ltd.	Peace River	34		1	60 14	Bituminous	1913	1913	....
394	Palmer Coal Company	Burnis	1	25 miles S.W. Burnis			Bituminous	1913	1913	....
411	Pyrar, Samuel	Magrath	4		8	8 21	Domestic	1913	1914	....
413	Page & Dayton	Raymond	4	N.W.	14. 29	4 20	Domestic	1913	1915	....
414	Popik, Dan	Berford	26		4	48 27	Domestic	1913	1914	....
439	Premier Coal Co. Ltd.	Drumheller	14	L.S.	3. 10	29 20	Domestic	1914	....	....
621	Pattison, Chas. H.	Carbon	23		11	29 23	Domestic	1915	1916	....
650	Peruzzo, R.	Beazer	5	L.S.	16. 6	2 26	Domestic	1916	1922	....
662	Pickering, William H.	Donalda	24	L.S.	5. 29	41 17	Domestic	1916	1917	....
679	Pickering & Warmoth	Donalda	24	L.S.	14. 32	41 18	Domestic	1917	1920	1921
681	Parge, Charles H.	Twining	22	N.E.	14. 1	31 24	Domestic	1917	1917	....
710	Peters & Kinchin	Trochu	21	L.S.	10. 14	33 23	Domestic	1917	....	....
723	Pattison, Robert	Verdant Valley	14	L.S.	13. 35	28 18	Domestic	1917	1921	....
742	Pederson, A. C.	Donalda	24	L.S.	13. 16	42 17	Domestic	1918	1919	....
759	Patterson, A. C.	Commerce	3	L.S.	2. 17	10 21	Domestic	1918	1921	....
763	Phoenix Coal Co.	Aerial	14	S.E.	14. 15	28 19	Domestic	1918	1921	....
787	Parker Creek Collieries Ltd.	Ardley	21	L.S.	12. 21	38 23	Domestic	1918	1921	....
798	Pawina, Pete	Edmonton South	29	L.S.	8. 35	50 26	Domestic	1919	1920	1921
803	Pacey, John C.	Manyberries	5	L.S.	7. 24	3 7	Domestic	1919	1919	....
809	Pearl Coal Co. Ltd.	Alix	21	L.S.	6. 33	38 23	Domestic	1919	....	1920
811	Palisade Coal Co. Ltd., The	Three Hills	22	W.	1/2. 36	31 24	Domestic	1919	....	....

LIST OF MINES—Continued.

Mine No.	Operator	Address	Dis-trict No.	Location			Character of Coal	Date of		Re-open-ing
				S.	T.	W. of M.		Open-ing	Aban-don-ment	
840	People's Mine, The	Eyremore	18	S.W.	¼	15	Domestic	1919	1921	.....
849	Petit, J. L.	Halcourt	37		21	70	Domestic	1920	1921	.....
850	Perlin, H. E.	Coleman	1		34	7	Bituminous	1920	.....	.....
854	Pacific Colliery Co.	Lovett	35	S.W.	¼	10	Sub-Bituminous	1920	1921	.....
886	Podgorney, M.	Leduc	29	L.S.	13	26	Domestic	1921	.....	.....
887	Parr, John	Castor	20	S.E.	¼	26	Domestic	1921	.....	.....
888	Pearson, Magnus	Calmar	29	L.S.	6	36	Domestic	1921	.....	.....
919	Pearson, Faucett & Carmichael	Dela	19	L.S.	15	30	Domestic	1921	.....	.....
934	Perry, W. H.	Burdett	7	L.S.	10	26	Domestic	1921	.....	.....
949	Paton, George	Delburne	21	S.E.	¼	27	Domestic	1921	.....	.....
981	Pyrarh & Babcock	Magrath	4	L.S.	13	8	Domestic	1922	.....	.....
990	Pickering, B.	Cluny	18		7	22	Domestic	1922	.....	.....
1007	Porter, John	Rockyford	14	L.S.	16	13	Domestic	1922	.....	.....
1027	Parnell, William	Medicine Hat	8	L.S.	1	24	Domestic	1922	.....	.....
933	Quebec, J. M.	Edmonton South	29	L.S.	3	29	Domestic	1921	.....	.....
18	Ramsay & George	Edmonton	28	R.L.	23	Ed. Sett.	Domestic	1897	1907	.....
39	Reliance Coal Mining Co.	Taber	6		3	9	Domestic	1905	1909	.....
51	Ransome, M. E.	Edmonton	28	R.L.	42	Ed. Sett.	Domestic	1901	1906	.....
55	Russell, George F.	Magrath	4	L.S.	2	18	Domestic	1901	1919	.....
56	Rollingson, John	Magrath	4	L.S.	2	7	Domestic	1902	1921	.....
75	Rech, Charles	Namoo	30	L.S.	4	16	Domestic	1902	1917	.....
105	Royal Trust Co. Ltd.	Taber	6	L.S.	7	31	Domestic	1903	.....	.....
128	Rosedale Coal Co.	Edmonton	28	R.L.	28	Ed. Sett.	Domestic	1905	1909	.....
136	Rhodes, George	Long Coulee	9	L.S.	7	8	Domestic	1907	.....	.....
154	Raisbeck, Luke	Oliver	7	S.	½	9	Domestic	1907	.....	.....
156	Rupert's Land Coal Co.	Grassy Lake	27		11	54	Domestic	1907	.....	.....
161	Reece, William	Magrath	4		2	7	Domestic	1907	1911	.....
162	Reece, William	Magrath	4		2	7	Domestic	1907	1922	.....
165	Redcliff Brick & Coal Co. Ltd.	Redcliff	8	S.W.	¼	2	Domestic	1907	1919	.....
169	Russell, John	Mitcliff	12	L.S.	14	5	Bituminous	1908	.....	.....
172	Reynolds, H.	Elean	6		13	26	Domestic	1908	1915	.....
182	Raymond Coal Co.	Edmonton	27		4	10	Domestic	1908	1909	.....
					27	53	Domestic	1908	1908	.....

LIST OF MINES—Continued.

Mine No.	Operator	Address	District No.	Location			Character of Coal	Date of	
				N. W.	S. T. R.	W. of M.		Open- ing	Aban- don- ment
212	Ruscoe, Richard	Halkirk	20	N.W. 1/4	8 39 15	4	Domestic	1909	
221	Riviere Qui Barre Coal Co.	Riviere Qui Barre	31	S.E. 1/4	30 55 26	4	Domestic	1910	
228	Regal Collieries	Taber	6	L.S.	8 19 10	16	Domestic	1910	1915
250	Round Hill Collieries Ltd.	Round Hill	25	S.E. 1/4	30 48 18	4	Domestic	1910	
281	Russell, J.	Cremona	12	L.S.	13 30 29	5	Bituminous	1911	1919
301	Robinson, U. G.	Big Valley	15	Near Big Valley			Domestic	1911	1914
320	Rider Bros.	Gadsby	20	N.W. 1/4	31 40 15	4	Domestic	1911	1913
332	Ross Clay Products Co. Ltd.	Redcliff	8	N.W. 1/4	9 13 6	4	Shale	1912	1922
344	Raber, Elsworth	Winnifred	7	L.S.	13 22 12	10	Domestic	1912	1914
346	Rosedale Coal Co. Ltd.	Rosedale	14	L.S.	14 28 28	19	Domestic	1912	
347	Rose Deer Coal Mining Co. Ltd.	Wayne	14	L.S.	13 7 28	19	Domestic	1912	
353	Roberts, William	Foremost	7		36 6 12	4	Domestic	1912	
363	Rathburn, L. F.	Longview	10		8 18 2	5	Sub-Bituminous	1912	1916
379	Redcliff Pressed Brick Co. Ltd.	Redcliff	8	L.S.	5 9 13	6	Shale	1913	1914
409	Rollingson, John	Magrath	4	L.S.	4 17 7	21	Domestic	1913	1915
431	Rambo, M. C.	Edson	33	N.W. 1/4	2 53 17	5	Domestic	1914	1914
446	Ruffell, Alfred	Lethbridge	3	S.E. 1/4	31 9 21	4	Domestic	1914	1914
450	Robinson, William	Forestburg	24	L.S.	1 32 40	15	Domestic	1914	1915
465	Raisbeck, Luke	Grassy Lake	7	S.E. 1/4	9 10 13	4	Domestic	1915	1917
469	Ross, R. A.	Scollard	15	L.S.	9 34 34	21	Domestic	1915	1917
479	Royal, Edward	Craigmuyle	19	S.W. 1/4	12 31 17	4	Domestic	1915	1915
606	Riley, John W.	Lundbreck	2	N.W. 1/4	26 7 2	5	Sub-Bituminous	1915	1917
608	Richmond, Andrew	Erskine	20	L.S.	15 10 38	22	Domestic	1915	1916
653	Ray, George Alex.	Halcourt	37	S.E. 1/4	25 70 11	6	Domestic	1916	1917
665	Rich & Bergren	Gadsby	20	N.E. 1/4	21 39 16	4	Domestic	1916	1917
671	Reed, Archer M.	Ghost Pine	22	S.W. 1/4	28 30 22	4	Domestic	1916	1917
718	Rataushk, Fred	Eagle Butte	8	L.S.	15 28 8	4	Domestic	1917	
720	Rudolph Brothers	Edmonton South	29	L.S.	13 5 51	25	Domestic	1917	
738	Rollingson, George	Lethbridge	3	L.S.	7 11 8	22	Domestic	1917	1921
743	Rawlusk, Pete	Beynon	14	L.S.	1 30 27	20	Domestic	1918	1918
765	Redcliff Brick & Coal Co. Ltd.	Redcliff	8	L.S.	14 5 13	6	Shale	1918	
794	Roth, John	Etzikom	7	L.S.	6 10 7	9	Domestic	1918	

LIST OF MINES—Continued.

Mine No.	Operator	Address	District No.	Location			Character of Coal	Date of					
				S.	T.	R.		Open- ing	Aban- don- ment				
808	Rosebank Coal Co.	Alix	21	L.S.	10.	33	38	23	4	Domestic	1919	1921	1922
810	Russell, Sandquist & Blair	Alix	21		12	38	24	4		Domestic	1919	1920	
827	Rollingson, John	Magrath	4	L.S.	1	7	21	4		Domestic	1919	1920	
835	Rowland, A. E.	Delburne	21	S.E.	1/4.	10	38	24	4	Domestic	1919	1921	
869	Reed & Brown	Edmonton	28	R.L.	26	Ed. Sett.				Domestic	1920		
891	Russell, Robert	Alix	21	N.W.	1/4.	12	38	24	4	Domestic	1921		
902	Remillard, J. B.	Castor	20	L.S.	16.	33	37	14	4	Domestic	1921		
966	Rochon, C. C.	Erskine	20	L.S.	10.	10	38	22	4	Domestic	1921		
977	Rollingson, George	Lethbridge	3	L.S.	2.	11	8	22	4	Domestic	1922		
979	Rowan, Leonard	Carbon	23	L.S.	11.	3	29	22	4	Domestic	1922		
1015	Ross & Saunders	Big Prairie	18	L.S.	13.	30	29	5	5	Domestic	1922		
1017	Rouse, J. A.	Beynon	14	S.W.	1/4.	6	28	20	4	Domestic	1922		
1039	Rom, Adolph	Craigmyle	19	L.S.	2.	3	33	16	4	Domestic	1922		
1041	Reynolds, E. A.	Wetaskiwin	16	L.S.	6.	10	45	24	4	Domestic	1922		
28	Stewart & Campbell	Namoo	30	N.E.	1/4.	8	55	24	4	Domestic	1897	1913	
47	Strathcona Coal Co.	Edmonton South	29	R.L.	9	Ed. Sett.				Domestic	1905	1911	
61	Scott, Fred	Medicine Hat	8	S.E.	1/4.	6	13	6	4	Domestic	1906	1911	
77	Sedgewick, C. F.	Lundbreck	2		26	7	2	2	5	Sub-Bituminous	1903	1913	1922
101	Sturgeon Valley Coal Co. Ltd.	Namoo	30	N.W.	1/4.	9	55	24	4	Domestic	1905	1922	
110	Sutherland, Murdoch	Namoo	30		4	55	24	4		Domestic	1906	1911	
135	Smith, T. Edwin	Carmangay	9	L.S.	2.	36	14	21	4	Domestic	1906	1917	
144	Scott & Maclane	Pincher Creek	2	W.	1/4.	20	5	1	5	Sub-Bituminous	1907	1914	
157	Southern Alberta Coal Co. Ltd.	Taber	6	S.E.	1/4.	8	10	17	4	Domestic	1907	1911	
163	Shirts, James E.	Taber	6	S.E.	1/4.	30	10	16	4	Domestic	1908	1911	
183	Consolidated with No. 244	Canrose	25							Domestic	1909	1913	
195	Standard Lethbridge Collieries Ltd.	Lethbridge	3	S.E.	1/4.	28	9	21	4	Domestic	1909	1913	
196	Speers, H.	Namoo	30	N.E.	1/4.	8	55	24	4	Domestic	1909	1914	
202	Superior Coal Co. Ltd., The	Elcan	6	N.W.	1/4.	18	10	16	4	Domestic	1909	1913	
238	Simpson, M.	Bow Island	7				36	11	4	Domestic	1910	1913	
239	Savage, George W.	Winnifred	7	L.S.	10.	35	12	10	4	Domestic	1910	1917	
241	Spicer Coal Co. Ltd., The	Dinant	25	S.W.	1/4.	18	48	19	4	Domestic	1910	1917	
244	Stoney Creek Collieries Ltd.	Canrose	25	L.S.	1.	33	46	20	4	Domestic	1910		

LIST OF MINES—Continued.

Mine No.	Operator	Address	District No.	Location			Character of Coal	Date of					
				S.	T.	R.		Open- ing	Re- open- ment				
255	Straub, F. A.	Alix	21	L.S.	5	17	38	23	4	Domestic	1910	1916	1917
258	Sinclair, A. C.	Rose Lynn	19		21	28	14	4		Domestic	1910	1911	
263	Security Coal Mines Ltd.	Wabamun	32	N.E.	14	53	4	5		Domestic	1911	1913	
264	Stavely Coal Mining Co.	Long Coulee	9	N.E.	14	29	14	21	4	Domestic	1911	1916	
265	Simanton, W. H.	Winnifred	7	S.E.	14	22	12	10	4	Domestic	1911	1911	
268	Strader & Green.	Halkirk	20	L.S.	10	18	39	15	4	Domestic	1911	1916	
276	Slockett, George	Diamond City	3	L.S.	13	9	10	21	4	Domestic	1911	1918	
286	Square Deal Mercantile Co.	Big Valley	15	S.W.	14	26	35	20	4	Domestic	1911	1913	
307	Sanderson, W. J.	Long Coulee	9	N.W.	14	8	15	22	4	Domestic	1911	1913	
311	Seale, James	Kimball	5		22	1	25	4		Domestic	1911	1913	
315	Salisbury, R. A.	Trochu	21	S.E.	14	14	33	23	4	Domestic	1911		
355	Stanton, George F.	Munson	14		29	29	20	4		Domestic	1912	1914	
368	Stegstra, Thomas	Comrey	5		15	9	2	6	4	Domestic	1912	1921	
370	Schmidt, Stephen	Prosby	7	L.S.	16	30	7	8	4	Domestic	1912	1918	
389	Smith, Frank	Namoo	30	L.S.	16	8	55	24	4	Domestic	1913		
422	Sterling Coal Co. Ltd.	Drumheller	14	L.S.	5	9	29	20	4	Domestic	1914	1919	
448	Santoni, Louis	Bow Island	7	L.S.	7	36	11	11	4	Domestic	1914		
449	Stewart, C.	Forestburg	24	L.S.	15	36	40	16	4	Domestic	1914	1922	
461	Smith, T. Edwin	Yetwood	9	L.S.	9	28	15	21	4	Domestic	1914	1917	
494	Smithson, Irving	Halkirk	20	L.S.	5	20	37	15	4	Domestic	1915	1916	
610	Strilczyk, Louis	Round Hill	25	L.S.	8	10	48	18	4	Domestic	1915	1918	
615	Stokoe, G. H.	Daysland	24	L.S.	2	28	42	17	4	Domestic	1915		
625	Sikstrum, O. R.	Meeting Creek	24	L.S.	14	14	43	20	4	Domestic	1915	1917	
636	Stewart, Robert	Delia	19	S.W.	14	6	30	17	4	Domestic	1916	1916	
639	Spencer, Fred	Big Valley	15	L.S.	12	36	35	20	4	Domestic	1916	1918	
663	Smith, T. Edwin	Long Coulee	9	L.S.	3	17	15	21	4	Domestic	1916	1917	1917
666	Simmons, Efner W.	Forestburg	24	L.S.	16	2	41	16	4	Domestic	1916	1916	1921
673	Strader, Lawson	Halkirk	20	N.E.	14	18	39	15	4	Domestic	1916	1921	
690	Sward, Henry	Rowley	15	L.S.	4	13	32	21	4	Domestic	1917		
695	Scrannton Coal Co. Ltd.	Drumheller	14	L.S.	5	10	29	20	4	Domestic	1917		
737	Sunshine Coal Co. Ltd.	Wayne	14		19	28	19	4		Domestic	1918	1919	1920
741	Sugars, Jackson & Ring	Edmonton	28		120th Ave. & 130th St.					Domestic	1918	1918	

LIST OF MINES—Continued.

Mine No.	Operator	Address	District No.	Location			Character of Coal	Date of			
				S.	T.	R.		Open- ing	Aban- don- ment		
						W. of M.			Re- open- ing		
753	Strickland, Thomas	Edmonton	30	L.S.	14..8	55	24	4	Domestic	1918	1919
756	Saunders Alberta Collieries Ltd.	Saunders	16	L.S.	16..23	40	13	5	Sub-Bituminous	1918	1918
761	Southern Alberta Coal Co. Ltd.	Lethbridge	3	L.S.	4..36	8	22	4	Domestic	1918	1918
762	Stevenson, Archibald & Co.	Retlaw	6	L.S.	14..7	11	16	4	Domestic	1918	1918
768	Shannon, Lewis	Carbon	23	L.S.	1..14	29	23	4	Domestic	1918	1918
769	Sterling Collieries Ltd.	Sterco	35	L.S.	2..35	47	20	5	Sub-Bituminous	1918	1918
770	Shamrock Coal Co. Ltd.	Aerial	14	L.S.	10..20	28	19	4	Domestic	1918	1918
795	Shaw & Son, James E.	Ardley	21	L.S.	2..33	38	23	4	Domestic	1919	1919
796	Sunbeam Collieries Ltd.	Drumheller	14	L.S.	2..1	29	20	4	Domestic	1919	1919
800	Steegstra & Rolison	Conrey	5	L.S.	9..4	2	6	4	Domestic	1919	1919
821	Southern Alberta Coal Co. Ltd.	Lethbridge	3	L.S.	10..36	8	22	4	Domestic	1919	1919
829	Strupor, Oakley & Company	Blackstone	35	S.E.	14..19	47	19	5	Sub-Bituminous	1919	1922
831	Schamehorn, William	Alix	21	L.S.	15..33	38	23	4	Domestic	1919	1919
832	Solomon Creek Coal Co. Ltd.	Brule	34	L.S.	31	50	27	5	Bituminous	1919	1919
838	Shaw, David & Taylor	Suffield	8	L.S.	7..28	12	10	4	Domestic	1919	1919
845	Scorgie, William	Halcourt	37	S.E.	14..21	70	10	6	Domestic	1920	1922
847	Scranton Coal Co. Ltd.	Taber	14	N.E.	14..2	44	19	4	Domestic	1920	1920
872	Sand, D. W.	Edberg	24	R.L.	26..	46	21	4	Domestic	1920	1922
878	Sharkey, H.	Bittern Lake	25	L.S.	7..22	57	21	4	Domestic	1920	1921
890	Snalley, Melvin	Redwater	31	L.S.	15..12	10	17	4	Domestic	1921	1921
899	Stanthorpe, J.	Taber	6	L.S.	14..23	27	23	4	Domestic	1921	1921
906	Stahl & Wurz	Rockyford	14	L.S.	16..12	7	3	4	Domestic	1921	1921
925	Schock, Jacob J.	Thelma	8	L.S.	2..14	29	23	4	Domestic	1921	1921
927	Consolidated with No. 768	Carbon	23	L.S.	8..35	37	14	4	Domestic	1921	1921
945	Shaw, Daniel	Castor	20	L.S.	4..12	38	21	4	Domestic	1921	1921
946	Striech, Paul	Nevis	20	L.S.	9..32	40	15	4	Domestic	1921	1921
964	Sheppard Brothers	Forestburg	24	L.S.	9..19	28	19	4	Domestic	1921	1921
974	Sheffield Collieries Ltd.	Wayne	14	L.S.	16..31	9	21	4	Domestic	1922	1922
988	Suran, John	Hardieville	3	L.S.	5..11	8	22	4	Domestic	1922	1922
993	Smith & Wodznjak	Lethbridge	3	L.S.	15..2	38	24	4	Domestic	1922	1922
1050	Sandquist, K.	Hillsdown	21	L.S.	1..2	41	16	4	Domestic	1922	1922
1054	Stauffer, Fred	Forestburg	24	L.S.	1..2	41	16	4	Domestic	1922	1922

LIST OF MINES—Continued.

Mine No.	Operator	Address	Dis- trict No.	Location			Character of Coal	Date of		Re- open- ing
				S.	T.	R.		Open- ing	Aban- don- ment	
1058	Stiles, C. J.	Halkirk	20	S.E.	1/4	31	38	15	4	1922
1061	Skeen, Ernest	Nanton	10	S.E.	1/4	35	14	4	5	1922
1062	Strader, Charles	Halkirk	20	L.S.	4	17	39	15	4	1922
16	Talbot, Mr.	Namao	30	S.E.	1/4	17	55	24	4	1904
76	Thomas, Isaac	Lundbreck	2	S.E.	1/4	23	7	2	5	1908
104	Trusts & Guarantee Co. Ltd.	Lethbridge	3	L.S.	3	6	10	21	4	1909
112	Three Hills Coal & Dev. Co. Ltd.	Three Hills	22	S.W.	1/4	35	31	24	4	1905
113	Trentham, Albert	Three Hills	22	L.S.	16	26	31	24	4	1913
150	Consolidated with No. 252	Tofield	26	L.S.	16	26	31	24	4	1906
160	Thorne, John	High River	10	L.S.	13	9	18	2	5	1907
225	Thomas, John	Diamond City	3	L.S.	9	16	10	21	4	1909
249	Terris, Chapen	Heisler	24	L.S.	1/4	28	42	17	4	1911
251	Tyrluk, John	Heisler	24	N.E.	1/4	28	42	17	4	1921
252	Tofield Coal Co. Ltd.	Tofield	26	N.	1/2	26	50	19	4	1910
313	Tonge & Gorton	Pincher Creek	2	L.S.	1	16	6	30	4	1910
322	Trochu Coal Co., The	Trochu	21	S.E.	1/4	34	32	23	4	1911
382	Thorpe, George W.	Windy Ridge	7	L.S.	4	16	7	9	4	1913
481	Toth, John	Warner	5	L.S.	4	16	4	16	4	1915
491	Treber, L. C.	Hanna	19	L.S.	16	18	29	14	4	1915
495	Thompson, Ole	Lousana	21	L.S.	16	12	36	22	4	1915
616	Tate, John	Ferry Point	24	S.F.	1/4	18	43	17	4	1916
637	Trentham, William T.	Three Hills	22	L.S.	15	22	31	24	4	1916
652	Taft, John B.	Grand Prairie	37	N.E.	1/4	35	70	7	6	1916
745	Thomas, Joseph D.	Aerial	14	N.W.	1/4	18	28	19	4	1918
813	Tabor Coal Mining Co.	Drumheller	14	N.W.	1/4	11	28	19	4	1918
817	Trentham, H.	Ghost Pine	23	L.S.	2	6	31	21	4	1919
907	Thomas, George	Sheerness	19	L.S.	16	16	29	30	4	1921
920	Turner & Prescott	Scollard	15	L.S.	15	33	38	22	4	1921
930	Tynsdale & Smith	Nevis	20	L.S.	15	33	38	22	4	1921
931	Taylor, Robert	Rosedale	14	L.S.	1	20	27	18	4	1921
936	Turner & Smith	Suffield	8	L.S.	1	29	12	10	4	1921
994	Tunke, A. H.	Edberg	24	L.S.	3	18	44	19	4	1922

LIST OF MINES—Continued.

Mine No.	Operator	Address	District No.	Location			Character of Coal	Date of	
				S.	T.	R.		Open- ing	Aban- don- ment
488	Unsworth, Robert	Garden Plain	19	L.S.	14.	6	33	13	4
711	United Coal Co.	Elcan.	6	L.S.	8.	4	10	17	4
788	Urwin, William	Lethbridge	3	L.S.	1.	18	7	21	4
918	Unity Collieries Ltd.	Drumheller	14	L.S.	5.	14	29	21	4
1057	Ulmer, W. F.	Castor	20	S.W.	¼.	3	38	14	4
651	Voz, Joseph	Grand Prairie	37	L.S.	14.	35	70	7	6
830	Van de Ryse & J. Beckart	Lake Isle	32	L.S.	2.	34	53	6	5
864	Vimy Coal, Light & Power Co. Ltd.	Big Valley	15	L.S.	16.	26	35	20	4
942	Van Brocklin & Wonski	Lethbridge	3	L.S.	2.	16	10	21	4
996	Vair, W. H.	Boundary Creek	5	N.E.	¼.	29	1	26	4
997	Vare, W. E.	Boundary Creek	5	N.W.	¼.	32	1	26	4
64	West Canadian Collieries Ltd.	Blairmore	1	L.S.	10.	20	7	3	5
87	West Canadian Collieries Ltd.	Bellevue	1	West of Leduc					
102	Wilson, John	Leduc	29	L.S.	13.	22	31	24	4
116	Watson, George	Three Hills	22	L.S.	13.	22	31	24	4
122	Wataskiwin Coal Co.	Edmonton	22		20	51	25	4	
142	Watson, George	Three Hills	22		22	31	24	4	
148	Watson, George	Edmonton	28	R.L. 31 Ed. Sett.					
186	Walwork, James	Bow Island	7	S.W.	¼.	36	11	11	4
193	West Canadian Collieries Ltd.	Blairmore	1	L.S.	7.	35	7	4	5
198	Watkins, W. E.	Champion	9	L.S.	13.	4	16	23	4
243	Washkoski, Michael S.	Castor	20	S.E.	¼.	26	37	14	4
291	Wagner, Joseph	Gadsby	20	S.W.	¼.	28	39	16	4
303	Watson, George	Three Hills	22	L.S.	11.	22	31	24	4
308	Wukusch, Louis	Groton	5	L.S.	7.	10	3	11	4
314	Walsh, W. R.	Arday	21	S.E.	¼.	29	38	23	4
321	Warneboldt, J.	Sheerness	19	L.S.	7.	19	29	12	4
396	West Canadian Collieries Ltd.	Blairmore	1	L.S.	10.	2	8	4	5
430	Weaver, Hugh	Edberg	24	S.E.	¼.	3	55	24	4
442	Williscroft, W. & G.	Namao	30	L.S.	15.	18	34	21	4
471	Wooden, Clyde M.	Rumsey	15	L.S.	15.	18	34	21	4
490	Wright Bros.	Garden Plain	19	N.E.	¼.	18	33	13	4

LIST OF MINES—Continued.

Mine No.	Operator	Address	District No.	Location			Character of Coal	Date of		Re-open- ing
				S.	T.	R.		Open- ing	Aban- don- ment	
624	Williams, C.	Priddis	10		4	22	3	5	1915	1916
630	Consolidated with No. 243	Castor	20	L.S.	1...	7	28	19	4	1916
640	Western Commercial Co. Ltd.	Wayne	14	L.S.	14..	24	70	11	6	1917
654	Waldo, Walter H.	Halcourt	37	L.S.	13..	10	29	20	4	1917
678	Western Gem Coal Co. Ltd.	Drumheller	14	L.S.	4...	6	51	25	4	1918
682	Wedman, Gottlieb	Edmonton	29	L.S.	10..	18	33	13	4	1919
705	Wright, George	Garden Plain	19	L.S.	10..	18	33	13	4	1918
721	Worthington & Cunningham	Edmonton	29	L.S.	10..	29	51	25	4	1918
739	Watkins, I. E.	Champion	9	L.S.	4...	9	16	23	4	1918
793	Wisla, Albert	Heisler	24	L.S.	7...	3	43	17	4	1918
822	Willis, Walter	Champion	9	L.S.	4...	24	16	22	4	1919
834	Wilson, Frank L.	Rosalind	24	L.S.	14...	4	37	17	4	1921
862	Wright, James	Garden Plain	19	S.E.	1/4..	6	34	13	4	1920
904	West Carbon Coal Co. Ltd.	Carbon	23	L.S.	2...	16	29	23	4	1921
975	Westgate Coal Syndicate	Eyrenore	18		27	17	17	17	4	1922
983	Warren & Adair	Commerce	3	N.W.	1/4..	27	10	21	4	1922
995	Warneboldt, J.	Sheerness	19	L.S.	14..	18	29	12	4	1922
1008	Watson, William	Midlandvale	14		11	29	20	4	1922	1922
1020	Wall, John H.	Raymond	4	L.S.	4...	7	7	21	4	1922
1021	Westaway, J. J. & Co.	Calgary	15	N.W.	1/4..	26	35	20	4	1922
1032	Walton, George	Forestburg	24	L.S.	12..	31	40	15	4	1922
1063	Wild, John	Forestburg	24		10	40	16	4	1922	1922
179	Yates, R. H. & D.	Cornucopia	5	L.S.	13..	31	3	15	4	1908
220	Yellowhead Coal Co.	Milk River	35	L.S.	6...	33	48	21	5	1915
328	Yard, G. C.	Coalspur	21	S.W.	1/4..	13	34	22	4	1910
337	Yard, G. C.	Huxley	35	S.W.	1/4..	10	34	22	4	1911
661	Yard Bros. Coal Co.	Huxley	21	L.S.	4..	10	34	22	4	1912
704	Young, Albert	Huxley	21	L.S.	12..	25	40	16	4	1916
383	Consolidated with No. 403	Forestburg	24	L.S.	12..	25	40	16	4	1917
1005	Yake, Herbert	Munson	13		22	29	20	4	1913	1916
403	Zarth & Embury	Carstairs	11	N.E.	1/4..	34	29	1	5	1916
		Munson	13	L.S.	7...	22	29	20	4	1913

LIST OF NAMES OF HOLDERS OF FIRST CLASS CERTIFICATES ISSUED BY
THE GOVERNMENT OF THE PROVINCE OF ALBERTA TO DECEMBER 31, 1922

Name	Address	Cert. No.	Date of Issue
Addie, W.	Lundbreck	19	25- 8-02
Aspinall, Francis	Drumheller	22	1- 3-09
Ashburner, Edward	Lethbridge	40	9-12-10
Alderson, Fred Dunn	Hosmer, B.C. (Deceased)	52	27- 9-11
Allen, Peter	Wayne	72	5-11-12
Bradshaw, G. B.	Nanaimo, B.C.	61	16- 5-05
Broome, G. H.	New Zealand	46	28-11-04
Bastian, J.	Taber	43	19- 7-04
Brown, J.	Calgary	18	24- 8-03
Baxter, Andrew W.	Calgary	47	22-12-10
Barnes, Arthur W.	Montana	74	7-11-12
Black, Ernest D.	England	84	29- 7-13
Brydon, Andrew D.	England	4	18- 9-14
Brownrigg, John H.	Bankhead	21	17- 7-17
Blake, Henry	Bellevue	25	27- 7-17
Brown, Hugh R.	Wayne	26	28- 6-18
Bilson, George H.	Beverly	27	28- 6-18
Brown, R. J.	Coal Creek, B.C.	30	3- 7-18
Brown, Thomas	Edmonton	42	5- 9-19
Colville, A. ....	..... (Deceased)	52	19- 1-05
Collins, W. F.	Blairmore	24	31-10-03
Coulthard, R. W.	Blairmore	8	19- 3-05
Church, J. A. H.	Edmonton	11	23- 1-08
Cunningham, G. F.	Edmonton	7	10- 1-08
Crowder, James	Blairmore	38	24-12-09
Christianson, Peter	Edmonton	48	21-12-10
Clyde, James	Edmonton	69	18- 3-12
Crowder, Harry	Drumheller	5	18- 9-14
Callander, Ira C.	Virginia	13	12- 8-16
Cranston, Michael	Camrose	35	2- 7-19
Drinnan, Robert G.	Edmonton	29	30- 1-04
Dickson, G. H.	Ontario	3	31- 5-06
Dunn, A. C.	Edmonton	18	13- 1-09
Darbyshire, J.	Edmonton	35	3-12-09
Davidson, W. A.	Rosedale	25	27-11-09
Davis, David	Coleman	62	28-11-11
Duggan, William H.	Foothills	85	29- 7-13
De Hart, Joseph B.	Cadomin	86	29- 7-13
Dennis, Fred W.	England	12	28-10-15
Davidson, David	Coleman	15	12- 8-16
Donaldson, Chris S.	Lethbridge	20	17- 7-17
Davies, Thomas O.	Hillcrest	22	17- 7-17
Emmerson, J.	Frank	50	13- 4-05
Emmerson, C.	Bellevue	49	9- 1-05
Elliott, D.	Blairmore	20	13-10-03
Ellis, W.	Three Hills	15	8- 1-09
Evans, D.	Vancouver	1	15-10-98
Emerson, J.	Bellevue	41	25- 8-19
Flint, W. G.	Edmonton	56	13- 4-05
Finlayson, J.	Dinant	30	10- 2-04
Fraser, Norman	Edmonton	1	21-12-05
Fraser, G. L.	Coleman	1	31- 5-06
Ferguson, C. J.	Edmonton	23	17- 7-17
Foster, William	Wayne	40	12- 8-19
France, Thomas	Nordegg	44	8-10-19
Green, R.	Blairmore	58	26- 4-05
Graham, C.	Cumberland, B.C.	7	27- 2-06
Givin, Homer H.	Virginia, U.S.A.	57	23-11-11
Gray, David	Wayne	65	4-12-11
Guernsey, Forbes W.	Vancouver, B.C.	80	18-12-12
Henrietta, Chas. M.	Byseville, Ohio	26	24-11-03
Heathcote, Elijah	Coal Creek	23	31-10-03

LIST OF NAMES OF HOLDERS OF FIRST CLASS CERTIFICATES.—*Cont'd.*

Name	Address	Cert. No.	Date of Issue
Hargreaves, James	Victoria, B.C.	9	25- 6-01
Hamilton, W. L.	Winnipeg, Man.	4	2-12-98
Hardie, W. D. L.	Lethbridge	2	15-10-98
Huntrods, E. S. F.	Taber	3	29-12-98
Holden, James	Drumheller	14	7- 1-09
Hamilton, Robert	Three Hills	4	3- 1-07
Horne, Thomas	Edson	6	26-12-07
Harrison, Stephen	Lethbridge (Deceased)	16	11- 1-09
Hart, John	Edmonton	23	23- 3-09
Horne, Robert	Blairmore	12	7- 1-09
Howells, Nathaniel	Lethbridge	64	4-12-11
Hunter, A. B.	Wabamun	14	12- 8-16
Higgins, Alexander	Three Hills	19	7- 7-17
Heeley, William G.	Brule	36	3- 7-19
Hetherington, W. B.	Luscar	38	9- 7-19
Hastings, A. P.	Bankhead	47	26- 7-20
Howden, Archibald B.	Michel, B.C.	50	1- 8-21
Jones, Samuel A.	Nanaimo, B.C.	57	26- 4-05
John, John	Nanaimo, B.C.	44	29- 4-04
Jones, David	Edmonton	67	27-11-11
Johnson, Moses	Commerce	79	14-11-12
Jordan, William	Drumheller	11	9- 9-15
Keith, Thomas	Nanaimo, B.C. (Deceased)	20	29- 1-09
Kerr, Alex	Tonkin, B.C.	27	18-12-03
Knox, Thomas K.	Coal Creek B.C.	28	30-11-09
Kellock, George	Coleman	59	23-11-11
Kinsman, Alex	Hosmer, B.C. (Deceased)	70	11- 5-12
Little, John	Coalfields	5	2-12-98
Livingstone, Robert	Lethbridge	16	
Lewellyn, D. R.	Michel, B.C.	42	2- 7-04
Little, William F.	Canmore	4	29-12-05
Lee, Robert J.	Estevan	56	23-11-11
Leblanc, Emile	Taber	6	18- 9-14
Morris, James J.	Canmore (Deceased)	3	3-11-98
Morris, Cyrus	Frank	12	13- 2-02
Manley, Henry L.	Fernie, B.C.	41	3- 6-04
Morton, T. R.	Michel, B.C. (Deceased)	63	27- 7-05
Mills, Thomas	Nanaimo, B.C.	35	2- 5-04
Marsh, John	Lethbridge	6	1- 2-06
Moore, Samuel M.	Bankhead	26	27-11-09
Maxwell, William	Nova Scotia	27	29-11-09
Miller, Andrew A.	Taylorlton, Sask.	54	23-11-11
Musgrove, William	Canmore	76	11-11-12
Marshall, John W.	Evansburg	78	13-11-12
Mather, Thomas	Edmonton	81	20- 7-13
Milne, Morgan C.	Virginia, U.S.A.	83	14- 7-13
McEvoy, James	Toronto	17	1- 8-03
McVicar, Samuel	Three Hills (Deceased)	59	26- 4-05
McLean, Donald	Coalmont, B.C.	62	22- 5-05
McMillan, J. H.	Cadomin	17	12- 1-09
McLenhan, J. A.	Dinant	39	13- 1-10
McDonald, John R.	Edmonton	29	30-11-09
Macaulay, D. A.	Drumheller	42	9-12-10
McCulloch, James	Drumheller	41	17-12-10
McDonald, Duncan	Drumheller	60	23-11-11
McKelvie, James	Drumheller	7	26-10-14
Macaulay, Angus G.	Midlandvale	9	16- 8-15
McDonald, Hector S.	Bellevue	17	7- 7-17
McLeod, John A.	Evansburg	18	7- 7-17
McDonald, Noble M.	Bellevue	33	9- 7-18
McIntyre, John J.	Bellevue	39	25- 7-19
McGuckie, Thomas M.	Wayne	43	1-10-19
O'Donnell, Thomas	Rosedale	61	28-11-11
Pearson, Robinson	Fernie	11	19-11-01

LIST OF NAMES OF HOLDERS OF FIRST CLASS CERTIFICATES.—*Cont'd.*

Name	Address	Cert. No.	Date of Issue
Parker, John L.	Lundbreck	25	13-11-03
Pearson, R. N.	Frank	38	10- 5-04
Powell, John W.	Virginia	60	10- 5-05
Pitcher, Norman C.	Edmonton	75	11-11-12
Pickles, William	Luscar	77	11-11-12
Pavier, Evan L.	Big Valley	24	24- 7-17
Puckett, Owen L.	Lovett	29	3- 7-18
Quigley, James S.	Hillcrest	21	1- 2-09
Quigley, Daniel H.	Coalhurst	28	28- 6-18
Reynolds, E. E.	Lethbridge	33	5- 4-04
Richards, James A.	Edmonton	39	17- 5-04
Russell, Thomas	Michel, B.C.	45	28-10-04
Raisbeck, Luke	Delia	47	28-11-04
Reed, Thomas	Nanaimo, B.C.	5	(Deceased)
Robertson, John	Big Valley	2	22-12-05
Robertson, John	Lundbreck	9	18- 1-08
Richards, C. C.	Calgary	36	13-12-09
Russell, John	Clover Bar	44	22-12-10
Reid, John C.	Oklahoma	53	4-12-11
Roberts, Edward I.	Coalspur	55	18-11-11
Reid, Adam H.	Oklahoma	3	18- 9-14
Russell, James	Lethbridge	8	8-12-14
Robert, Louis P.	Bellevue	10	16- 8-15
Ramsay, P. M.	Canmore	34	12-11-18
Smith, Frank B.	Edmonton	7	4- 6-01
Stockett, Thomas R.	Vancouver	10	19-11-01
Simister, Chas.	Lundbreck	21	13-10-03
Strachan, Robert	Fernie, B.C.	31	10- 2-04
Shepherd, F. H.	Victoria, B.C.	34	2- 5-04
Symons, C. C.	Lethbridge	37	2- 5-04
Stockett, Lewis	Calgary	51	19- 1-05
Sharp, Alex	Rossland, B.C.	53	22- 2-05
Stirling, John T.	Edmonton	8	10- 1-08
Scott, Alex	Castor	5	26-12-07
Sparrow, Edwin	Tawatinaw	13	7- 1-09
Scott, Andrew N.	Mountain Park	19	25- 1-09
Shone, Samuel	Coleman	33	2-12-09
Stevens, Leonard C.	Edmonton	31	2-12-09
Saville, Enoch O.	Taber	45	22-12-10
Shaw, William	Edmonton	46	22-12-10
Stewart, Robert T.	Blairmore	50	12- 1-11
Shanks, John	Nordegg	51	17- 1-11
Stevenson, John	Glasgow	68	6-12-11
Stevenson, William	Hillcrest	87	29- 7-13
Shanks, David	Calgary	16	4-11-16
Smith, Thomas E.	Montana	31	3- 7-18
Stevenson, John	Hillcrest	46	26- 7-20
Stewart, James M. Jr.	Nordegg	48	26- 7-20
Thorne, Benjamin L.	Calgary	32	2-12-09
Thain, Harry S.	Lethbridge	34	2-12-09
Thomas, John I.	Edmonton	49	16- 1-11
Thomas, Willis P.	Diamond City	58	23-11-11
Thomas, Joseph D.	Aerial	66	4-12-11
Turner, John H.	Coalhurst	49	1- 8-21
Whiteside, O. E. S.	Coleman	6	15-12-98
White, E. Proctor	Virginia, U.S.A.	8	17- 6-01
Wyllie, John B.	Frank	13	25-11-02
Waite, Archibald	Taber	15	9- 4-03
Wilson, David G.	Bankhead	22	31-10-03
Wilson, Arthur R.	Nanaimo, B.C.	28	12- 1-04
Wall, William H.	Vancouver, B.C.	32	10- 2-04
Williams, W. P.	Bellevue	36	2- 5-04
Wright, H. B.	Tennessee	40	25- 5-04
Wilkinson, George	Victoria, B.C.	54	27- 3-05

LIST OF NAMES OF HOLDERS OF FIRST CLASS CERTIFICATES.—*Cont'd.*

Name	Address	Cert. No.	Date of Issue
Weatherby, C.	Ardley	2	31- 5-06
Williams, T. H.	Taber	10	18- 1-08
Watters, John	Bankhead	30	30-11-09
Wark, S. D.	Sointula, B.C.	37	15-12-09
Willey, Edward	Fernie, B.C.	71	1-11-12
Watson, William	Drumheller	73	7-11-12
Welch, James D.	Nordegg	1	18- 9-14
Williams, Thomas B. .	Madison, Wis.	2	18- 9-14
Watters, Alexander G. .	Bankhead	32	3- 7-18
Watson, Ronald H.	Mountain Park	37	3- 7-19
Wilkinson, George	Victoria, B.C.	45	21-11-19

LIST OF NAMES OF HOLDERS OF SECOND CLASS CERTIFICATES ISSUED
BY THE GOVERNMENT OF THE PROVINCE OF ALBERTA TO
DECEMBER 31, 1922.

Name	Address	Cert. No.	Date of Issue
Anderson, J.	Bellevue	2	30- 5-06
Aspinall, F.	Midlandvale	27	27- 5-08
Allen, Peter	Wayne	72	20-12-11
Allen, William C.	Wayne	22	7- 9-15
Atherton, Edward	Sheerness	49	17- 7-17
Ashurst, William	Coleman	51	17- 7-17
Ashman, Alfred W.	Calgary	88	3- 7-19
Adlam, William	Hillcrest	107	15- 7-19
Armstrong, John	Nordegg	110	16- 7-19
Adams, Thomas H.	Edmonton	127	26- 7-20
Anderson, Peter B.	Mountain Park	139	26- 7-20
Bastian, T. W.	Bankhead	27	8- 4-05
Bastian, J.	Taber	21	7- 5-04
Bowie, J.	Wayne	4	3- 1-07
Bamling, J.	Diamond City	44	2-12-09
Brockhouse, I. B.	Milk River	74	20-12-11
Bridge, Edward	Cumberland, B.C.	99	5-11-12
Brown, Alan J.	Pocahontas	105	7-11-12
Barclay, Andrew	Frank	111	18-11-12
Brown, William	Commerce	126	31- 7-13
Blake, Henry	Bellevue	128	31- 7-13
Brisco, Daniel	Luscar	19	21- 8-15
Bilson, George H.	Beverly	2	27- 8-14
Brownrigg, John H.	Bankhead	21	30- 8-15
Berford, Edward	Blairmore	27	12- 8-16
Barclay, William	Rowley	54	10- 8-17
Bovio, M.	Bellevue	61	5- 7-18
Blair, John	Wayne	72	11- 7-18
Brearley, Garnett	Coalhurst	78	23- 7-18
Brown, J. F.	Edmonton	84	28- 6-19
Ball, Benjamin	Michel, B.C.	101	8- 7-19
Badham, Thomas	Coleman	104	15- 7-19
Bainbridge, Joseph	Nanaimo, B.C.	112	5- 8-19
Brooks, Burton T.	Drumheller	129	26- 7-20
Brady, John	Lovett	141	26- 7-20
Brown, Thomas	Edmonton	55	17-11-17
Briggs, William A.	Drumheller	154	10-10-21
Chesnut, C.	Ardley	30	18- 4-05
Corkill, T.	Michel	13	
Crowder, James	*Blairmore	10	26-12-07

LIST OF NAMES OF HOLDERS OF SECOND CLASS CERTIFICATES.—*Cont'd.*

Name	Address	Cert. No.	Date of Issue
Clay, E.	Oxville	28	7- 1-09
Clark, J. C.	Blairmore	49	22-12-09
Clyne, J.	Edmonton	53	22- 4-10
Clemenson, John	Bankhead	58	17-12-10
Cooke, Joseph	Burmis	66	20- 2-11
Crowder, Harry	Drumheller	69	18-12-11
Coupland, George	Bellevue	77	21-12-11
Cranston, Michael	Dinant	119	29- 7-13
Crawford, Alexander	Nacmine	125	31- 7-13
Campbell, K. S.	Beverly	132	31- 7-13
Coupland, Edward	Cadomin	8	18- 9-14
Coutes, George	Lethbridge	20	26- 8-15
Conlin, John	Drumheller	33	22- 8-16
Cox, John Charles	Coleman	42	7- 7-17
Clark, Robert	Hardieville	43	7- 7-17
Crabb, Samuel A. B.	Lethbridge	52	17- 7-17
Crawford, John	Nordegg	64	6- 7-18
Crawford, William S.	Lethbridge	66	9- 7-18
Carson, James	Spring Point	82	17-10-18
Cartwright, Charles E.	Lundbreck	85	2- 7-19
Clarkstone, W. W.	Fernie, B.C.	93	3- 7-19
Caufield, J.	Coal Creek, B.C.	105	15- 7-19
Carr, Thomas	Brule Mines	117	1-10-19
Cole, J. J.	Bankhead	126	26- 7-20
Congdon, Milton H.	Blairmore	158	1- 8-22
Davies, D.	Coleman	31	18- 4-05
Duggan, R. G.	Nanaimo, B.C.	19	26- 4-04
Davis, A.	Lethbridge	4	19-11-98
Dixon, S.	Commerce	24	8- 2-08
Davies, S.	Coal Creek, B.C.	18	10- 1-08
Davies, John	Coleman	11	26-12-07
Dunn, J. P.	Edmonton South	9	26-12-07
Davis, John	Lethbridge	31	11- 1-09
Davies, T.	Frank	54	22- 4-10
Davidson, David	Coleman	94	1-11-12
Davies, Thomas O.	Hillcrest	104	7-11-12
Dalziel, Robert	Clover Bar	122	31- 7-13
Digman, John H.	Coalhurst	134	31- 7-13
Dennis, F. W.	England	3	27- 8-14
Dewar, Alexander	Coleman	16	16- 8-15
Donaldson, C. S.	Lethbridge	35	25- 8-16
Duncan, N. S.	Wayne	100	8- 7-19
D'Altroy, A. C.	Drumheller	145	1- 8-21
Emmerson, C.	Bellevue	3	15-11-98
Eccleston, W.	Edmonton	16	10- 1-08
Evans, T. R.	Coleman	137	31- 7-13
Embree, Merton B.	Evansburg	98	3- 7-19
Fraser, G. L.	Coleman	25	23-12-04
Flint, W. G.	Edmonton	16	
Francis, J.	Taber	29	8- 1-09
Fox, A.	Carbon	42	29-11-09
Foster, W. R.	Michel, B.C.	51	24- 1-10
Fulton, James K.	Coleman	133	31- 7-13
Foster, William	Wayne	14	16- 8-15
Finlay, Samuel	Clover Bar	25	12- 8-16
Ferguson, C. J.	Beverly	38	30- 8-16
Fortner, Edward	Tennessee	57	3- 7-18
France, Thomas	Nordegg	67	9- 7-18
Fyvie, J.	Drumheller	109	16- 7-19
Fraser, James	Carbon	133	26- 7-20
Fyfe, Walter H.	Wayne	142	26- 7-20
Ford, Allen	Michel, B.C.	146	1- 8-21
Green, R.	Blairmore	17	26- 4-04
Giffen, H. R.	Carbon	14	

LIST OF NAMES OF HOLDERS OF SECOND CLASS CERTIFICATES.—*Cont'd.*

Name	Address	Cert. No.	Date of Issue
Gilliland, William	Cardiff	61	17-12-10
Garbett, Richard	Corbin, B.C.	100	5-11-12
Garrett, John	Blairmore	123	31- 7-13
Givens, J.	Drumheller	99	8- 7-19
Gate, Harry	Coleman	124	26- 7-20
Graham, John	Coaldale	157	1- 8-22
Gidman, Joseph H.	Taber	165	29-12-22
Hall, Oliver	Bellevue	26	23-12-04
Harvie, Robert	Lethbridge	1	30- 5-06
Hutchinson, A. M.	Coleman	6	3- 1-07
Horne, Robert	Blairmore	12	26-12-07
Horswell, John	Edmonton	34	1- 2-09
Howells, Nathaniel	Lethbridge	55	25- 5-10
Hallworth, Albert	Bellevue	65	30- 1-11
Hamilton, Allan	Blairmore	78	21-12-11
Heeley, William G.	Brule	80	22-12-11
Hill, James	Canmore	84	13- 1-12
Hutton, John	Bellevue	93	1-11-12
Hunter, Henry	Edmonton	102	7-11-12
Hughes, Daniel J.	Diamond City	110	13-11-12
Hartley, William	Bankhead	114	25-11-12
Hunter, Charles	Beverly	4	18- 9-14
Hunter, Alexander B.	Wabamun	7	18- 9-14
Harries, Henry C.	Coleman	9	18- 9-14
Heathcote, Joseph	Edmonton	10	18- 9-14
Hughes, William R.	Barnwell	13	6- 8-15
Halliday, George W.	Nanaimo, B.C.	31	22- 8-16
Hutton, David T.	Bellevue	44	10- 7-17
Hastings, Andrew P.	Bankhead	62	5- 7-18
Hulme, Charles	Aerial	63	6- 7-18
Hargreaves, G.	Lethbridge	70	9- 7-18
Hutchison, P.	Bankhead	102	10- 7-19
Hedges, Richard	Beverly	111	18- 7-19
Higney, John	Coalhurst	130	26- 7-20
Heap, Robert	Coalhurst	137	26- 7-20
Holmes, Robert	Coleman	144	6- 1-21
Hughes, John C.	Madrid	156	15-12-21
Hamilton, Joseph J.	Lethbridge	164	9- 9-22
Ironmonger, John	Hillcrest	60	5- 7-18
Jones, Samuel A.	Nanaimo, B.C.	18	26- 4-04
Johnson, Moses	Commerce	46	3-12-09
Jones, David	Edmonton	48	15-12-09
Jones, Peter	Commerce	92	1-11-12
Jordan, William	Drumheller	112	20-11-12
James, William	Pocahontas	5	19- 9-14
Jackson, James	Bellevue	56	3- 7-18
Joberg, A. F.	Delia	68	9- 7-18
Jones, C. E. R.	Cardiff	83	12-11-18
Jones, D.	Coalhurst	116	5- 9-19
Kerr, John	Lethbridge	33	6- 7-05
Kellock, George	Coleman	39	27-11-09
Kellock, James	Coleman	82	30-12-11
Keith, John D.	Coalhurst	107	11-11-12
Kaye, Herschel	Pocahontas	129	31- 7-13
Kerr, W. R.	Nordegg	115	2- 9-19
Lowrie, Ralph	Frank	34	6- 7-05
Livingstone, Robert	Lethbridge	6	5- 6-99
Livingstone, John C.	Lethbridge	5	19-11-98
Lee, Robert J.	Estevan	56	17-12-10
Luck, George	Drumheller	70	19-12-11
Letcher, William M.	Bankhead	96	1-11-12
Leblanc, Emile	Taber	127	31- 7-13
Littler, Robert	Bankhead	6	18- 9-14
Lundy, James	Carbon	53	17- 7-17

LIST OF NAMES OF HOLDERS OF SECOND CLASS CERTIFICATES.—*Cont'd.*

Name	Address	Cert. No.	Date of Issue
Lairair, Charles F.	Drumheller	74	12- 7-18
Musgrove, John	Canmore	2	15-11-98
Musgrove, William	Canmore	32	6- 7-05
Miller, John K.	Drumheller	29	8- 4-05
Morris, John	Lundbreck	8	18- 9-14
Morgan, Daniel	South Wales	17	10- 1-08
Moore, Thomas E.	Drumheller	47	11-12-09
Miard, Harry E.	Coal Creek, B.C.	64	16- 1-11
Munro, William K.	Blairmore	76	21-12-11
Murphy, Peter J.	Drumheller	91	24- 8-12
Mather, Thomas	Edmonton	106	11-11-12
Muir, David	Edmonton	108	11-11-12
Massey, Harry	Corbin, B.C.	116	25-11-12
Morgan, Owen	Blairmore	121	29- 7-13
Mason, Samuel	Blairmore	130	31- 7-13
Mather, John	Beverly	23	13- 9-15
Miller, Walter	Beverly	26	12- 8-16
Melling, Peter	Evansburg	28	12- 8-16
Murray, J.	Coalhurst	90	3- 7-19
Mossey, Thomas	Lethbridge	95	3- 7-19
Makin, J. W.	Hillcrest	103	15- 7-19
Marsh, E.	Taber	113	25- 8-19
Martin, R.	Taber	114	25- 8-19
Miller, John R.	Aerial	131	26- 7-20
Mackie, John	Bankhead	136	26- 7-20
Marsh, John H.	Drumheller	153	1- 8-21
McVicar, Samuel	Three Hills	23	23-12-04
McKean, John W.	Lethbridge	24	23-12-04
McGregor, Alex.	Foothills	1	20-12-05
McKay, Donald	Bankhead	3	30- 5-06
McLenhan, John A.	Dinant	33	1- 2-09
McFegan, William	Hillcrest	34	22- 8-16
McIntyre, John J.	Bellevue	41	9-12-16
MacDonald, J. H.	Nanaimo, B.C.	48	10- 7-17
McQueen, Andrew	Nordegg	71	9- 7-18
McKinnon, H. G.	Canmore	76	13- 7-18
MacAskill, Donald	Drumheller	77	16- 7-18
McKinnon, John J.	Coleman	80	26- 7-18
McLean, Michael D.	Michel, B.C.	122	26- 7-20
McCullough, Alexander	Cadomin	143	10- 8-20
McLeod, Alexander	Drumheller	149	1- 8-21
McKenna, Peter	Cadomin	161	1- 8-22
MacDonald, William	Drumheller	155	10-10-21
Nicol, James	Midlandvale	36	10- 2-09
Nanson, Thomas H.	Bellevue	40	25- 9-16
Nicol, George	Cadomin	46	10- 7-17
Nugent, Bernard	Drumheller	73	11- 7-18
Ostheidt, Gus	Cardiff	1	14-11-98
Oliphant, Joseph H.	Edmonton	59	17-12-10
Oliphant, John T.	Medicine Hat	153	1- 8-21
Ostler, James	Taber	160	1- 8-22
Phillips, Charles	Frank	20	26- 4-04
Pearson, W. G.	Blairmore	15	26- 4-04
Parsons, T. Lloyd	Edmonton	26	21- 3-08
Pickles, William	Luscar	35	1- 2-09
Prentice, John	Blairmore	45	2-12-09
Park, Stewart G.	Lethbridge	57	17-12-10
Parker, Levi	Clover Bar	68	28- 4-10
Powell, Albert E.	Ardley	85	16- 1-12
Parry, Thomas	Coleman	109	12-11-12
Picton, Daniel	Aerial	118	10- 2-13
Penman, John S.	Rosenroll	120	29- 7-13
Pavier, Evan	Big Valley	37	30- 8-16
Puckett, Owen L.	Lovett	50	17- 7-17

LIST OF NAMES OF HOLDERS OF SECOND CLASS CERTIFICATES.—*Cont'd.*

Name	Address	Cert. No.	Date of Issue
Park, William	Bellevue	65	6- 7-18
Pembleton, George W.	Nova Scotia	97	3- 7-19
Peacock, Charles	Lethbridge	138	26- 7-20
Quigley, Daniel H.	Coalhurst	73	20-12-11
Queen, Andrew M.	Lethbridge	124	31- 7-13
Rice, Awrey	Coalspur	2	20-12-05
Roberts, D. E.	Coleman	14	10- 1-08
Rankin, George	Michel, B.C.	41	29-11-09
Roberts, E. I.	Coalspur (Deceased)	52	12- 3-10
Ramsey, Peter M.	Canmore	86	24- 2-12
Roberts, E.	Cardiff	87	2- 3-12
Richards, Samuel	Bellevue	98	5-11-12
Roberts, John	Cadomin	12	26-10-14
Russell, John	Ardley	29	12- 8-16
Robinson, William	Mountain Park	30	22- 8-16
Rawlinson, R.	Alexo	32	22- 8-16
Richards, Evan	Balkan P.O.	59	3- 7-18
Roberts, G.	Taber	79	23- 7-18
Roberts, D. O.	Wayne	86	2- 7-19
Reed, Edward	Drumheller	135	26- 7-20
Radford, James	Bellevue	140	26- 7-20
Redpath, James	Wayne	147	1- 8-21
Scott, Hugh	Lethbridge (Deceased)	7	9- 3-00
Steele, Thomas	Coleman	12	26- 4-04
Sequin, Joseph A.	Estevan, Sask.	22	16- 4-04
Sparrow, Edwin	Tawatinaw	7	3- 1-07
Shone, Samuel	Coleman (Deceased)	23	23- 1-08
Shaw, William	Edmonton (Deceased)	21	18- 1-08
Scott, Andrew N.	Mountain Park	19	10- 1-08
Stewart, J. M.	Nordegg	50	24-12-09
Sihvon, William	Bellevue	40	29-11-09
Sloan, Thomas W.	Burmis	67	3- 3-11
Shaw, Thomas J.	Luscar	75	21-12-11
Strickland, Thomas	Edmonton	101	5-11-12
Schmidt, Otto P.	Camrose	115	25-11-12
Scott, Alexander	Pocahontas	103	7-11-12
Shanks, David	Calgary	117	7-12-12
Stephenson, Joseph	Bellevue	135	21- 7-13
Stephenson, Thomas	Bellevue	136	31- 7-13
Smith, Thomas E.	Montana, U.S.A.	39	14- 9-16
Simpson, William G.	Drumheller	45	16- 7-17
Stevenson, John	Lethbridge	47	10- 7-17
Sinclair, James	Drumheller	81	7- 8-18
Sandino, J. A.	Wayne	91	3- 7-19
Stratton, J. M.	Taber	94	3- 7-19
Saunt, James	Drumheller	123	26- 7-20
Steele, Francis M.	Calgary	125	26- 7-20
Scott, Frederick G.	Nordegg	128	26- 7-20
Scarpino, F.	Fernie, B.C.	121	26- 7-20
Thomas, David	Bankhead (Deceased)	28	8- 4-05
Teppo, Herman	Bellevue	15	10- 1-08
Thomas, John	Diamond City	30	8- 1-09
Thain, Harry S.	Lethbridge	32	12- 1-09
Thomas, Joseph D.	Aerial	37	25-11-09
Taylor, Tom	Hillcrest (Deceased)	62	22-12-11
Taylor, George W.	Lethbridge (Deceased)	83	30-12-11
Thomas, John	Frank	89	25- 3-12
Tonge, Thomas	Bickerdike	90	1- 6-12
Thompson, Joseph	Coleman	97	1-11-12
Thomas, Isaac	Coleman	131	31- 7-13
Tennant, Robert	Hillcrest	58	3- 7-18
Tully, Thomas	Fernie, B.C.	75	12- 7-18
Turner, J. H.	Coalhurst	89	2- 7-19
Thompson, T.	Coleman	87	2- 7-19

LIST OF NAMES OF HOLDERS OF SECOND CLASS CERTIFICATES.—*Cont'd.*

Name	Address	Cert. No.	Date of Issue
Thomason, C.	Coleman	119	12-11-19
Taylor, C. M.	Edmonton	118	1-10-19
Turner, Leonard	Fernie, B.C.	132	26- 7-20
Thomson, Andrew R. .	Drumheller	159	1- 8-22
Thomson, George H. .	Lethbridge	163	9- 9-22
Unsworth, Robert .	Garden Plain	36	30- 8-16
Utley, F. W.	Bellevue	108	17- 7-19
Williams, Thomas H. .	Taber	8	20- 7-00
Waite, Archibald .	Taber	10	26- 4-04
Wetherbee, Cory	Ardley	11	6-11-02
Wilson, William G. .	Canmore	3	20-12-05
Whitelaw, Thomas .	Lethbridge	25	24- 2-08
Watters, John	Bankhead	22	18- 1-08
Watkins, W. E.	Champion	20	18- 1-08
Watson, William	Drumheller	13	26-12-07
Wright, J. S.	Canmore	38	27-11-09
Winter, Archibald .	Strathcona	63	16- 1-11
Watters, Alexander G.	Calgary	95	1-11-12
Welch, James D.	Taber	113	20-11-12
Williams, John J.	Edmonton	11	18- 9-14
Worthington, Thomas .	Lethbridge	69	9- 7-18
Williams, W. E.	Edmonton	96	3- 7-19
Watkins, J. M.	Taber	106	15- 7-19
Williams, Albert	Brule Mines P.O. .	134	26- 7-20
Willets, Frederick .	Hillcrest	148	1- 8-21
Wilson, Robinson .	Drumheller	151	1- 8-21
Williams, Arthur E. .	Saunders	162	1- 8-22
Yard, George C.	Nordegg	150	1- 8-21

LIST OF NAMES OF HOLDERS OF THIRD CLASS CERTIFICATES ISSUED
BY THE GOVERNMENT OF THE PROVINCE OF ALBERTA TO
DECEMBER 31, 1922.

Name	Address	Cert. No.	Date of Issue
Anderson, J.	Frank	13	
Alderson, R. D.	Coleman	17	3- 1-07
Aspinall, Francis .	Midlandvale	32	30- 5-07
Ashurst, W.	Coleman	82	26- *8-09
Adlam, William	Hillcrest	108	2- 6-10
Archer, Roland	Hillcrest	132	22-12-10
Allen, William C.	Wayne	205	10- 8-12
Archibald, David .	Bickerdike	222	25-11-12
Allan, Alexander McD. .	Hosmer, B.C.	247	31- 7-13
Adams, Thomas H. .	Beverly	16	10- 3-14
Anderson, Andrew .	Bellevue	39	17- 6-14
Atherton, Edward .	Sheerness	40	14- 7-14
Appleton, John T. .	Mountain Park	76	19- 4-15
Ashton, William	Edmonton	90	27- 8-15
Anderson, Hugh W. .	Edmonton	150	7- 7-17
Ashman, Alfred W.	Rosedale	151	7- 7-17
Armstrong, John .	Nordegg	171	17- 7-17
Armstrong, Peter M. .	Nordegg	224	8- 6-18
Arbuckle, John	Mountain Park	263	26- 6-19
Anderson, Peter B. .	Mountain Park	264	26- 6-19
Allen, Edgar	Wayne	436	29- 8-21
Antrobus, Fred	Coleman	461	31- 7-22
Ambrossi, Antonio .	Nordegg	478	1- 8-22
Astley, David	Wood River	483	1- 8-22

LIST OF NAMES OF HOLDERS OF THIRD CLASS CERTIFICATES — *Cont'd.*

Name	Address	Cert. No.	Date of Issue
Bastian, T. W.	Bankhead	30	5-12-04
Bansemmer, R.	Bankhead	14	3- 1-07
Barber, J.	Frank	7	3- 1-07
Burrows, C.	Frank	40	18- 1-08
Brownrigg, J. H.	Frank (Deceased)	35	26-12-07
Brown, T.	Edmonton	24	14- 5-07
Blake, P.	Lundbreck	23	14- 5-07
Brovey, A. C.	Edmonton	64	1- 2-09
Boulton, W. E.	Drumheller	48	29- 5-08
Barnes, B. J.	Coal Creek, B.C.	92	29-11-09
Besso, A.	Canmore	80	26- 7-09
Brisco, Daniel	Luscar	117	9- 6-10
Blake, Henry	Bellevue	133	30-12-10
Bradley, Thomas	Hillcrest	138	16- 1-11
Barber, James S.	Hillcrest	144	3- 7-11
Bovio, Michael	Bellevue	146	3- 7-11
Brown, Alan James	Cardiff	163	17-11-11
Berford, Edward	Elcan	196	16-12-12
Blakemore, Royden E.	Edmonton	227	16-12-12
Bainbridge, James	Nanaimo, B.C.	235	31- 7-13
Baird, John	Blairmore	243	31- 7-13
Beal, George F.	Bellevue	7	30-12-13
Brearley, Garnet	Lethbridge	18	16- 3-14
Barclay, William	Drumheller	22	13- 3-14
Brown, John F.	Edmonton	29	21- 4-14
Barclay, William G.	Drumheller	30	23- 4-14
Byers, John W.	Taber	48	25-11-14
Byron, John	Coalhurst	11	10- 3-14
Billington, Edward E.	Coleman	73	25- 2-15
Booth, George	Clover Bar	85	18- 8-15
Boldon, James	Bellevue	86	19- 8-15
Bell, William	Coleman	95	12-10-15
Brown, Robert	Bellevue	112	10- 7-16
Bateman, Fred	Sheerness	123	14- 7-16
Barnes, Edward	Mountain Park	137	25- 9-16
Badham, Thomas	Coleman	153	7- 7-17
Beveridge, Andrew	Commerce	156	7- 7-17
Brown, David M.	Commerce	157	7- 7-17
Brooks, Burton T.	Drumheller	167	17- 7-17
Bartlett, Wallace	Elcan	173	17- 7-17
Bennett, Isaac	Armada	179	17- 7-17
Blair, John	Wayne	183	25- 7-17
Bobrovski, Martin	Drumheller	217	5- 6-18
Baird, William	Drumheller	218	5- 6-18
Brooks, Claude E. E.	Drumheller	220	8- 6-18
Blusson, Joseph T. C.	Champion (Deceased)	253	26- 6-19
Briggs, Alfred J.	Drumheller	254	26- 6-19
Brennan, John	Long Coulee	261	26- 6-19
Brown, Frank	Coal Creek, B.C.	262	26- 6-19
Birse, Alexander	Coalhurst	268	26- 6-19
Bateman, James	Lethbridge	279	26- 6-19
Bealle, Fred A.	Brule	285	26- 6-19
Ball, Alfred	Natal, B.C.	292	20-11-19
Briggs, Charles	Canmore	302	26- 7-20
Babino, Arthur	Bankhead	312	26- 7-20
Barclay, R. W.	Drumheller	313	26- 7-20
Beveridge, A.	Coleman	314	26- 7-20
Bainbridge, G. E.	Nordegg	343	26- 7-20
Bambrough, George	Hillcrest	345	26- 7-20
Burcey, A.	Calgary	352	26- 7-20
Bird, Richard	Nordegg	357	26- 7-20
Barringham, F. J.	Rosedale	362	26- 7-20
Baxter, Robert	Lochearn	374	17- 6-21
Brown, Thomas W.	Edmonton	377	1- 8-21

LIST OF NAMES OF HOLDERS OF THIRD CLASS CERTIFICATES.—*Cont'd.*

Name	Address	Cert. No.	Date of Issue
Battee, Noyes S.	Drumheller.....	381	1- 8-21
Blas, Emile	Bellevue	382	1- 8-21
Blake, Sylvanus R.	Wayne	384	1- 8-21
Barnes, Thomas	Blairmore	387	1- 8-21
Boyd, John	Wayne	390	1- 8-21
Barrie, James.....	Commerce	401	1- 8-21
Briggs, William A.	Drumheller.....	414	1- 8-21
Bedwell, Alfred E.	Lethbridge	415	1- 8-21
Brooks, John	Bellevue	428	1- 8-21
Brown, George A.	Michel, B.C.	432	29- 8-21
Burton, John T.	Edmonton	448	21- 7-22
Birt, William C.	Evansburg	452	31- 7-22
Barnes, Ernest	Coleman	453	31- 7-22
Baker, Robert W.	Coleman	456	31- 7-22
Bradley, Walter	Cardiff	490	1- 9-22
Brooks, George W.	Beverly	499	1-11-22
Cawthorne, L.	Frank	46	18- 4-05
Churchill, J.	Frank	45	18- 4-05
Chestnut, C.	Blairmore	28	6- 7-05
Cowan, W.	Bankhead	4	15-11-98
Cooke, J.	Bankhead	4	30- 5-06
Catchpole, C.	Three Hills	2	30- 5-06
Clark, J. C.	Blairmore	33	18- 7-07
Cole, J. J.	Bankhead	66	1- 2-09
Clyne, J.	Edmonton	65	1- 2-09
Chestnut, C.	Blairmore	28	26- 4-04
Campbell, Kenneth S. ..	Beverly	102	27- 1-10
Clemenson, John	Bankhead	105	30- 5-10
Carson, James	Frank	120	21- 6-10
Crockett, Levi A.	Hillcrest	131	22-12-10
Coupland, George	Bellevue	148	4- 7-11
Carson, George	Frank	154	8- 7-11
Crawford, George	Frank	160	17-11-11
Coombs, Walter P.	Taber	164	17-11-11
Coupland, Edward	Cadomin	173	17-11-11
Charlton, Samuel	Hillcrest	179	23-11-11
Cox, John	Coleman	193	13- 7-12
Crawford, John	Nordegg	197	13- 7-12
Coutts, George	Lethbridge	210	26-10-12
Clark, Robert	Lethbridge	212	31-10-12
Cranston, Michael	Camrose	218	11-11-12
Crawford, William	Lethbridge	8	6- 3-14
Coutts, David	Hardieville	23	30- 3-14
Crabb, Sam A. B.	Lethbridge	38	28- 5-14
Chaplow, Joseph	Lethbridge	49	25-11-14
Clarke, Robert G.	Drumheller.....	70	16- 2-15
Campbell, John H.	Canmore	71	16- 2-15
Callander, Ira C.	Virginia, U.S.A.	78	19- 8-15
Coxon, Thomas	Drumheller.....	89	27- 8-15
Convery, Denis	Coleman	107	10- 7-16
Cooper, John A.	Lethbridge	166	10- 7-17
Coutts, Anthony B.	Hardieville	178	17- 7-17
Campbell, Henry	Bellevue	188	13- 8-17
Collins, Sidney G.	Edmonton	219	5- 6-18
Chapman, Christopher..	Drumheller.....	232	12- 6-18
Campbell, George P.	Nordegg	229	8- 6-18
Chambers, Ralph H.	Lovettville	246	25- 6-19
Campbell, Thomas	Lovettville	247	26- 6-19
Conley, Leroy L.	Saunders	260	26- 6-19
Chalmers, James	Edmonton	278	26- 6-19
Carr, Thomas	Brule Mines P.O.	283	26- 6-19
Clark, John	Bankhead	301	26- 7-20
Congalton, Clem S.	Nordegg	315	26- 7-20
Cameron, Donald	Coalspur	331	26- 7-20

LIST OF NAMES OF HOLDERS OF THIRD CLASS CERTIFICATES.—*Cont'd.*

Name	Address	Cert. No.	Date of Issue
Cotterill, John	Rosedale	346	26- 7-20
Crawford, George	Bellevue	365	26- 7-20
Candlish, W. S.	Brule Mines	366	26- 7-20
Causey, Thomas	Taber	403	1- 8-21
Craig, James M. S.	Nordegg	413	1- 8-21
Clelland, William	Lethbridge	421	1- 8-21
Curry, John	Passburg	439	3-11-21
Chalmers, Robert	Edmonton	454	31- 7-22
Cowan, James	High River	459	31- 7-22
Congdon, Milton H.	Blairmore	476	1- 8-22
China, John	Nordegg	480	1- 8-22
Cardle, James	Bellevue	481	1- 8-22
Clarke, Richard	Hillcrest	500	1-11-22
Davies, T.	Frank	49	18- 4-05
Duggan, R. G.	Taber	27	26- 4-04
Downs, T.	Canmore	24	25-11-03
Davies, W. J.	Canmore (Deceased)	16	25-11-03
Dixon, S.	Commerce	18	3- 1-07
Devonshire, G.	Canmore	31	23- 5-07
Duggan, E. J.	Taber	41	18- 1-08
Davies, T. O.	Hillcrest	169	2- 6-10
Davidson, David	Coleman	170	17-11-11
Doddson, Robert	Coal Creek, B.C.	177	17-11-11
Duthie, Alexander F.	Pocahontas	184	28-11-11
Digman, John H.	Royal View	198	13- 7-12
Duncan, Ninian S.	Nacmine	211	31-10-12
Draper, Robert	Hillcrest	214	1-11-12
Denis, Frederick W.	England	3	28-11-13
D'Altroy, Arthur C.	Drumheller	6	1-12-13
Dean, William	Bankhead	20	20- 3-14
Duggan, John	Wayne	97	12-10-15
Douglas, D. B.	Edmonton	129	26- 7-16
Davis, William	Mountain Park	192	7-11-17
Dunnigan, Edward	Evansburg	216	1- 6-18
Dawes, Edmund	Drumheller	222	8- 6-18
Davies, Jehoiadah	Coleman	265	26- 6-19
Dupen, Thomas	Edmonton	275	26- 6-19
Dunlop, Hugh	Coleman	321	26- 7-20
Dunn, W. P.	Evansburg	347	26- 7-20
Dryburgh, W. W.	Nordegg	356	26- 7-20
Dieter, Walter J.	Sheerness	397	1- 8-21
Davey, George	Michel, B.C.	418	1- 8-21
Dunn, Samuel	Taber	441	15-12-21
Deere, Gladstone E.	Blackstone	449	21- 7-22
D'Amico, George	Nordegg	486	1- 8-22
Davies, John C. H.	Coalmont, B.C.	492	1- 9-22
Dudley, John T.	Hillcrest	493	1- 9-22
Eccleston, W.	Michel, B.C.	20	3- 1-07
Evans, H.	Taber	94	2-12-09
Evans, D.	Frank	83	3- 9-09
Evans, Hugh	Lethbridge	156	12- 7-11
Embree, Merton B.	Evansburg	239	31- 7-13
Evans, Nathaniel	Passburg	54	27-11-14
Evans, Llewellyn	Coleman	152	7- 7-17
Excoffon, Eugene	Bellevue	155	7- 7-17
Eno, John W.	Drumheller	223	8- 6-18
Eccleston, Richard	Bellevue	243	26- 6-19
Evans, Thomas O.	Blairmore	244	26- 6-19
Evans, Gwilym	Blairmore	308	26- 7-20
Evans, Charles	Hillcrest	327	26- 7-20
Eccleston, J. W.	Mountain Park	330	26- 7-20
Evans, William	Drumheller	360	26- 7-20
Evans, Thos. L.	Calgary	367	1-11-20
Evans, James D.	Drumheller	383	1- 8-21

LIST OF NAMES OF HOLDERS OF THIRD CLASS CERTIFICATES —*Cont'd.*

Name	Address	Cert. No.	Date of Issue
Entwistle, Albert V.	Kipp	471	31- 7-22
Eccleston, Thomas	Mountain Park	475	31- 7-22
Fairhurst, H.	Lethbridge	39	23-12-04
Ferguson, C. J.	Beverly	4	20-12-05
Fraser, J.	Coleman	8	3- 1-07
Fox, A.	Carbon	55	8- 1-09
Fowas, C. W.	Canmore	50	29- 5-08
Fiske, G. E.	Edmonton	88	27-11-09
Fisher, Samuel	Passburg	169	17-11-11
Ford, Allen	Burmis	183	28-11-11
Foster, William	Wayne	31	28- 4-14
Ferguson, John	Commerce	34	23- 5-14
Fyfe, Walter H.	Wayne	79	19- 8-15
Fishwick, Thomas	Mountain Park	98	12-10-15
Foster, James	Lethbridge	174	17- 7-17
Fisher, William J.	Bellevue	186	13- 7-17
Fisher, Ernest	Bellevue	256	26- 6-19
Fraser, Alec.	Carmangay	274	26- 6-19
Fraser, James	Carbon	286	25- 8-19
France, Harry	Nordegg	288	8-10-19
Flynn, Thomas E.	Coleman	306	26- 7-20
Ford, George C.	Drumheller	310	26- 7-20
Fudge, George H.	Cardiff	311	26- 7-20
Fisher, Harry	Hillcrest	338	26- 7-20
Fourneau, Jean F.	Bellevue	396	1- 8-21
Ferryman, Henry	Corbin, B.C.	447	16- 6-22
Foster, Richard	Edmonton	502	29-12-22
Giffen, H. R.	Carbon	19	26- 4-04
Gates, H.	Coleman	26	26- 4-04
Griffiths, E. H.	Canmore	33	5-12-04
Gladwin, J.	Edmonton	97	20-12-09
Griffiths, T. J.	Lille	77	18- 6-09
Gillespie, John M.	Coleman	111	2- 6-10
Gilliland, William	Cardiff	123	8-11-10
Gwilliam, David J. M.	Brule	130	22-12-10
Gregory, John B.	Passburg	128	17-12-10
Garrett, John	Lille	147	4- 7-11
Griffiths, John T.	Lille	168	17-11-11
Garbett, Richard	Michel, B.C.	180	23-11-11
Gorton, James	Hillcrest	203	22- 7-12
Green, Henry V.	Halkirk	1	1-11-13
Grant, Robert H.	Camrose	2	23-10-13
Grant, Robert	Lethbridge	10	10- 3-14
Goldie, William	Lethbridge	24	1- 4-14
Graham, Robert	Clover Bar	50	27-11-14
Gilday, Michael E.	Drumheller	63	11-12-14
Gillespie, John C.	Drumheller	132	3- 8-16
Greenhalgh, Richard M.	Coleman	154	7- 7-17
Givens, John	Drumheller	158	10- 7-17
Goodrick, William L.	Commerce	168	17- 7-17
Goodwin, Andrew	Bellevue	187	13- 8-17
Gamme, John S.	Drumheller	226	8- 6-18
Grant, Donald A.	Hillcrest	242	26- 6-19
Gordon, Thomas	Clover Bar	248	26- 6-19
Green, Henry V.	Halkirk	291	15-11-19
Goodwin, G. W.	Bellevue	320	26- 7-20
Gidman, J. H.	Taber	348	26- 7-20
Gibson, Henry	Edmonton	349	26- 7-20
Gilmour, Pete	Midlandvale	363	26- 7-20
Gibson, William	Edmonton	370	26- 7-20
Goodwin, Watts	Bellevue	408	1- 8-21
Galbraith, A. G.	Coalhurst	460	31- 7-22
Gregory, William W.	Mountain Park	496	6- 9-22

LIST OF NAMES OF HOLDERS OF THIRD CLASS CERTIFICATES —*Cont'd.*

Name	Address	Cert. No.	Date of Issue
Holmes, G. E.	Fernie, B.C.	15	1903
Hood, Andrew	Frank	20	26- 4-04
Hadfield, John	Canmore	23	21- 6-03
Harrison, Thomas	Cadomin	29	11- 7-04
Haines, Thomas	Coleman	37	23-12-04
Harvie, Robert	Lethbridge	40	23-12-04
Hallworth, Albert	Bellevue	52	12- 6-08
Hayes, Robert	Lundbreck	60	22- 1-09
Harvie, John	Taber	68	1- 2-09
Henderson, W.	Minott	61	26- 1-09
Higgins, Alfred	Bankhead	25	15- 5-07
Hannen, James	Canmore	1	30- 5-06
Holden, James	Drumheller	13	3- 1-07
Humble, Stephen T.	Bellevue	29	23- 5-07
Hamilton, Charles	Edmonton	36	10- 1-08
Hilling, James	Coleman	43	23- 1-08
Hutton, Isaac	Bellevue	99	27-12-09
Hartley, William	Bankhead	110	2- 6-10
Hill, James	Canmore	114	3- 6-10
Hulme, Charles	Aerial	124	17-12-10
Henderson, James	Reid Hill	134	30-12-10
Hutton, John	Bellevue	135	30-12-10
Henderson, Samuel	Reid Hill	136	30-12-10
Halliday, George	Nanaimo, B.C.	155	8- 7-11
Hughes, William R.	Elcan	181	23-11-11
Hutton, George	Bellevue	186	2-12-11
Hutchinson, Peter	Frank	202	22- 7-12
Heap, Robert	Lundbreck	206	10- 8-12
Hunter, Alexander B.	Wabamun	207	19- 8-12
Harries, Henry C.	Coleman	209	26-10-12
Hutton, David T.	Bellevue	241	31- 7-13
Heathcote, Joseph	Edmonton	32	28 -4-14
Harmison, William	Mountain Park	41	27- 8-14
Hynd, William	Elcan	52	27-11-14
Hutton, Hugh	Bellevue	60	5-12-14
Hargreaves, George	Lethbridge	65	11-12-14
Hopkins, William	Coleman	93	1- 9-15
Huddart, Matthew	Bellevue	102	18-11-15
Hamilton, John	Lethbridge	120	10- 7-16
Howells, John	Duncan	126	19- 7-16
Hyde, Isaac	Cadomin	134	15- 9-16
Holmes, Robert	Coleman	141	11-11-16
Hunter, John T.	Garden Plain	148	7- 7-17
Holland, Thomas	Lethbridge	161	10- 7-17
Hastings, Andrew P.	Lethbridge	176	10- 7-17
Hodgkinson, John A.	Mountain Park	205	1- 6-18
Hudyma, John	Pecahontas	207	1- 6-18
Head, James	Taber	209	1- 6-18
Hooks, John W.	Drumheller	210	1- 6-18
Hedges, Richard	Beverly	239	29- 8-18
Higney, John	Coalhurst	245	26- 6-19
Hillary, John	Rosedale (Deceased)	258	26- 6-19
Hopkins, John T.	Coleman	259	26- 6-19
Hunter, James	Edmonton	276	26- 6-19
Huff, L. E.	Lethbridge	325	26- 7-20
Hutchison, J. J.	Lovettville	332	26 -7-20
Hawkins, E. L.	Nordegg	339	26- 7-20
Hillary, Joseph	Drumheller	391	1- 8-21
Hamilton, Thomas M.	Blairmore	393	1- 8-21
Hall, James	Nordegg	402	1- 8-21
Hutchinson, George E.	Brookdale	404	1- 8-21
Hetherington, Jr., R.	Wayne	420	1- 8-21
Hogg, Charles M.	Lethbridge	424	1- 8-21
Hamilton, Joseph J.	Lethbridge	434	29- 8-21

LIST OF NAMES OF HOLDERS OF THIRD CLASS CERTIFICATES — *Cont'd.*

Name	Address	Cert. No.	Date of Issue
Hall, Ernest	Wayne	438	10-10-21
Horner, Charles	Edmonton	440	16-12-21
Hopkins, William H.	Drumheller	451	31- 7-22
Ironmonger, John	Hillcrest	145	3- 7-11
Ironmonger, William	Hillcrest	487	1- 8-22
Jones, Evan	Coalfields	12	26- 4-04
James, Joseph	Frank	25	26- 4-04
Jones, Samuel A.	Nanaimo, B.C.	17	26- 4-04
Jones, Erskine	Coalfields	47	18- 4-05
James, Henry	Coleman	53	14- 7-08
Jones, David	Edmonton	69	1- 2-09
Jones, Jack	Cardiff	127	17-12-10
Jones, Peter	Lethbridge	195	13- 7-12
Jordan, William	Drumheller	220	20-11-12
Joyce, Michael	Blairmore	224	25-11-12
James, William	Pocahontas	234	31- 7-13
Jackson, John	Bellevue	246	31- 7-13
James, John	Pocahontas	28	21- 4-14
Jones, David	Commerce	55	27-11-14
Johnson, Albert	Coleman	88	26- 8-15
Jones, Daniel G.	Lovettville	99	10-12-15
Jones, Evan J.	Calgary	144	3- 7-17
Jinks, William E.	England	180	25- 7-17
Jones, John H.	Taber	214	1- 6-18
James, Isaac A.	Coleman	252	26- 6-19
Jones, Richard	Nordeg	289	8-10-19
Johnstone, Alexander	Clover Bar	329	26- 7-20
James, Thomas	Saunders	340	26- 7-20
Jones, Griffith	Edmonton	375	17- 6-21
Jordon, Benjamin	Calgary	463	31- 7-22
Jones, Edward B.	Hillcrest	469	31- 7-22
Jones, Daniel	Dinant	474	31- 7-22
Jones, Richard M.	Wayne	491	1- 9-22
Jackson, Thomas	Coleman	495	1- 9-22
Kerr, William R.	Nordeg	89	29-11-09
Kirkeberg, Henry S.	Michel	87	27-11-09
Kerr, Robert T.	Passburg	75	17- 6-09
Kerr, Robert	Lundbreck	76	17- 6-09
Kaye, Herschel	Maycroft	191	4- 1-12
Kemp, David	Beaver Mines	201	22- 7-12
Kenyon, William	Mountain Park	44	28- 9-14
Knox, Joseph	Hardieville	119	10- 7-16
Kelly, Patrick	Edmonton	147	7- 7-17
Kerrison, Thomas W.	Eyremore	163	10- 7-17
Koentges, John	Blairmore	182	25- 7-17
Kyle, Daniel C.	Hillcrest	185	25- 7-17
Klejko, Stephen	Coleman	213	1- 6-18
King, John J. J.	Nordeg	221	8- 6-18
Kirkham, Thomas	Sheerness	284	26- 6-19
Kehl, Isadore	Big Valley	359	26- 7-20
Krause, Herman F.	Lethbridge	407	1- 8-21
Kay, Arthur	Coleman	501	1-11-22
Livingstone, Robert	Lethbridge	7	21-11-98
Livingstone, James C.	Lethbridge	18	26- 4-04
Learmonth, A. J.	Lundbreck	42	23- 1-08
Love, William	Edmonton	86	27-11-09
Lamont, David	Cadomin	98	24-12-09
Letcher, John J.	Hillcrest	149	4- 7-11
Leblanc, Emile	Taber	153	8- 7-11
Littler, Robert	Michel, B.C.	166	17-11-11
Loxton, George	Fernie, B.C.	176	17-11-11
Littler, John	Michel, B.C.	190	30-12-11
Littler, Matthew	Michel, B.C.	226	7-12-12
Laight, Jonas	Medicine Hat	233	3- 5-13

LIST OF NAMES OF HOLDERS OF THIRD CLASS CERTIFICATES — *Cont'd.*

Name	Address	Cert. No.	Date of Issue
Ludbrook, Ellis E.	Bickerdike (Deceased)	237	31- 7-13
Lynch, Stewart	Canmore	26	15- 4-14
Loxton, John	Fernie, B.C.	51	27-11-14
Letcher, Joseph H.	Lovettville	100	12-10-15
Lamond, David	Evansburg	109	10- 7-16
Loftus, Edward	Drumheller	111	10- 7-16
Lewis, Thomas	Hardieville	131	26- 7-16
Longworth, Thomas	Lethbridge	146	5- 7-17
Logan, John T.	Drumheller	190	6- 9-17
Lohmaier, Peter	Sheerness	238	15- 7-18
Lee, Walter J.	Nordegg	269	26- 6-19
Lindsay, John	Coalhurst	272	26- 6-19
Lindsay, James	Coalhurst	273	26- 6-19
Lawrence, John	Drumheller	294	1-12-19
Lewis, Hanbury	Calgary	364	1-11-20
Leonard, Philip	Nordegg	479	1- 8-22
Lytkowski, William P.	Canmore	503	30-12-22
Musgrove, William	Canmore	9	23- 8-00
Mattson, Matt	Frank	34	5-12-04
Morris, David	Edmonton	45	24- 2-08
Machin, J. C.	Strathcona	46	26- 2-08
Moore, Thomas E.	Drumheller	56	11- 1-09
Mather, Thos.	Edmonton	96	8-12-09
Morgan, Owen	Blairmore	143	3- 7-11
Munro, William K.	Lille	150	4- 7-11
Muir, David	Edmonton	151	8- 7-11
Miller, Walter	Beverly	159	25- 8-11
Moore, James H.	Coleman	167	17-11-11
Massey, Harry	Michel, B.C.	172	17-11-11
Murray, John	Lille	174	17-11-11
Mason, Samuel	Taber	187	6-12-11
Morrison, Malcolm	Nacmine	189	30-12-11
Melling, Peter	Evansburg	208	26-10-12
Mackie, John	Hillcrest	221	25-11-12
Makin, John W.	Coleman	240	31- 7-13
Muir, Alexander	Hardieville	12	10- 3-14
Miller, Joseph	Stafford Village	14	10- 3-14
Muir, Robert	Bankhead	21	23- 3-14
Murray, David	Hillcrest	35	26- 5-14
Mather, John	Beverly	45	26-10-14
Muir, James	Bankhead	57	5-12-14
Marsh, Ernest	Taber	61	5-12-14
Morgan, William J.	Canmore	64	11-12-14
Martin, William H.	Brule Mines	69	28- 1-15
Marsh, John H.	Lethbridge	75	20- 3-15
Mallabone, Ernest	Canmore	105	7- 7-16
Miller, David L.	Taber	114	10- 7-16
Millar, Peter P.	Drumheller	127	26- 7-16
Martin, Richard	Taber (Deceased)	135	25- 9-16
Maddison, William	Mountain Park	136	25- 9-16
Mitchell, John	Evansburg	143	27- 2-17
Morgan, Robert M.	Coleman	160	10- 7-17
Morse, Alfred T.	Drumheller	172	17- 7-17
Michayluck, John G.	Brule Mines	184	25- 7-17
Marsh, William	Drumheller	230	8- 6-18
Mathewson, James	Nevis	236	22- 6-18
Mossey, Thomas M.	Lethbridge	237	5- 7-18
Miller, James	Aerial	266	26- 6-19
Miller, John R.	Aerial	293	20-11-19
Monkton, William	Rosedale	322	26- 7-20
Miller, Jr., Joseph	Lethbridge	326	26- 7-20
Milnes, John	Bellevue	334	26- 7-20
Melling, Joseph	Evansburg	335	26- 7-20
Maddison, John	Hillcrest	354	26- 7-20

LIST OF NAMES OF HOLDERS OF THIRD CLASS CERTIFICATES.—*Cont'd.*

Name	Address	Cert. No.	Date of Issue
Melvin, J. L.	Lethbridge	371	28-12-20
Meyers, August	Drumheller	406	1- 8-21
Minue, Graydon B.	Nordegg	410	1- 8-21
Mitchell, Archie	Coalspur	412	1- 8-21
Metcalf, Joseph W.	Coalhurst	498	1-11-22
McKay, John James	Lethbridge	5	19-11-98
McKinnon, H. G.	Canmore	36	5-12-04
McGregor, Alex.	Foot hills	41	16- 1-05
McCulloch, Alex	Cadomin	43	18- 4-05
McDonald, J. A.	Blairmore	44	18- 4-05
McVey, William	Frank	39	10- 1-08
McLeary, Stewart	Lethbridge	58	12- 1-09
McMillan, William D.	Coleman	72	25- 2-09
McKinnon, A. J.	Canmore	62	29- 1-09
McLenhan, John A.	Dinant	51	8- 6-08
McGarry, Martin	Michel, B.C.	59	19- 1-09
McDonald, James A.	Lille	91	29-11-09
McMillan, Donald	Coleman	107	31- 5-10
McDonald, Duncan	Drumheller	112	2- 6-10
McDonald, Hector	Bellevue	115	3- 6-10
McDonald, William C.	Lethbridge	122	16- 7-12
McDevitt, James J.	Tofield	129	22-12-10
McGladrie, John	Lille	152	8- 7-11
McMullin, Joseph	Hillcrest	171	17-11-11
McGough, Joseph P.	Bellevue	219	18-11-12
McDonald, James O. C.	Coleman	225	25-11-12
McDonald, Noble M.	Bellevue	5	28-11-13
McGowan, James K.	Lethbridge	13	10- 3-14
McLeod, John A.	Evansburg	74	8- 3-15
McLellan, John A.	Cadomin	77	8- 5-15
McIlveen, William	Lovettville	80	19- 8-15
McAndrew, Robert	Clover Bar	81	19- 8-15
McAndrew, John	Blairmore	83	19- 8-15
McKean, George J.	Bellevue	121	10- 7-16
McLean, William	Mountain Park	122	10- 7-16
McQueen, Andrew	Nordegg	124	19- 7-16
McMillan, Daniel	Drumheller	149	7- 7-17
McDonald, John H.	Edmonton	164	10- 7-17
McKinnon, John L.	Coleman	189	4- 9-17
McDonald, George	Drumheller	212	1- 6-18
MacKay, William J. K.	Coalspur	240	28- 1-19
McDicken, James	Coleman	251	26- 6-19
McFegan, Robert	Michel, B.C.	255	26- 6-19
MacPherson, John M.	Coalhurst	257	26- 6-19
McQueen, George	Nordegg	270	26- 6-19
McDade, John	Drumheller	290	8-11-19
McGowan, William	Lethbridge	317	26- 7-20
McKinnie, John	Drumheller	369	26- 7-20
McKenna, Harry	Pocahontas	376	17- 6-21
MacAskill, Alexander	Drumheller	380	1- 8-21
McGaw, Albert M. S.	Carmangay	398	1- 8-21
McGregor, Thomas B.	Lethbridge	417	1- 8-21
McNab, Murdoch	Coalhurst	419	1- 8-21
McLeod, Gordon J.	Mountain Park	422	1- 8-21
MacDonald, William	Drumheller	431	29- 8-21
McCubbery, James	Drumheller	458	31- 7-22
McGuire, George	Dinant	466	31- 7-22
McGuire, James S.	Dinant	467	31- 7-22
MacLeod, Roderick	Coleman	470	31- 7-22
Nelson, Horatio	Lundbreck	11	3- 1-07
Nanson, Thomas H.	Bellevue	15	3- 1-07
Nicol, James	Midlandvale	34	26-12-07
Nicol, George	Cadomin	27	21- 4-14
Nugent, Bernard	Drumheller	133	30- 8-16

LIST OF NAMES OF HOLDERS OF THIRD CLASS CERTIFICATES.—*Cont'd.*

Name	Address	Cert. No.	Date of Issue
Nelson, Walter W.	Coleman	462	31- 7-22
Nicholson, Peter	Cadomin	472	31- 7-22
Oliphant, J. H.	Edmonton	26	17- 5-07
Oliphant, John	Medicine Hat	79	16- 7-09
O'Donnell, Thomas	Rosedale	139	17- 3-11
Ottewell, William J.	Clover Bar	245	31- 7-13
Oakes, Robert	Bankhead	104	10- 6-16
Oakley, John	Mountain Park	115	10- 7-16
Oliver, B.	Magrath	342	26- 7-20
Owen, Thomas	Michel, B.C.	442	10- 3-22
Ostler, James	Taber	445	22- 5-22
Phillips, Charles	Frank	14	30-12-02
Prentice, John	Lille	67	1- 2-09
Powell, Albert E.	Ardley	71	4- 2-09
Picton, William	Frank	78	8- 7-09
Pounder, George	Pincher Creek	84	22- 9-09
Parker, Levi	Clover Bar	100	18- 1-10
Pickering, Gabe	Taber	104	25- 2-10
Parry, Thomas	Hillcrest	119	21- 6-10
Park, Stewart G.	Lethbridge	121	25- 6-10
Patterson, John	Hillcrest	126	17-12-10
Picton, Daniel	Aerial	178	23-11-11
Park, William	Lethbridge	194	13- 7-12
Parkes, John T.	Lethbridge	236	31- 7-13
Park, Alex. C.	Lethbridge	25	8- 4-14
Porteous, Alexander	Hillcrest	36	26- 5-14
Purdy, Stearns J.	Bellevue	37	28- 5-14
Parker, Joseph	Drumheller	47	25-11-14
Puckett, Owen L.	Lovettville	53	27-11-14
Pavier, Evan	Big Valley	91	27- 8-15
Price, Alfred	Edmonton	103	4- 1-16
Pitt, Arthur J.	Coleman	108	10- 7-16
Phillips, David	Commerce	110	10- 7-16
Price, John	Mountain Park	116	10- 7-16
Pratt, Philip	Lovettville	117	10- 7-16
Paterson, Patrick	Evansburg	139	3-10-16
Padgett, Albert	Bellevue	177	17- 7-17
Poole, Alexander	Drumheller	241	16- 5-19
Prescott, William	Hillcrest	249	26- 6-19
Painter, J. A.	Mountain Park	361	26- 7-20
Parkinson, Harry	Coleman	465	31- 7-22
Pearson, Francis	Hillcrest	468	31- 7-22
Phipps, Mathew J.	Mountain Park	494	1- 9-22
Price, John	Mountain Park	497	1-11-22
Quigley, Daniel H.	Coalhurst	157	14- 7-11
Queen, Andrew M.	Lethbridge	228	26-12-12
Rice, Awrey	Coalspur	48	18- 4-04
Rawson, Thomas S.	Frank	1	20-12-05
Rose, Walter	Lundbreck	54	25- 8-08
Roberts, William	Strathcona	95	3-12-09
Robinson, John H.	Hillcrest	106	31- 5-10
Rowbotham, William H.	Edmonton	116	6- 6-10
Roberts, E.	Cardiff	118	20- 6-10
Richardson, Alfred	Lethbridge	125	17-12-10
Richards, George	Coleman	137	31-12-10
Roberts, John	Cadomin	140	6- 4-11
Reid, James	Canmore	158	24- 7-11
Richards, Evan	Balkan P.O.	162	17-11-11
Richards, Samuel	Bellevue	175	17-11-11
Rawlinson, Rowland	Burmis	182	28-11-11
Rayner, Frederick	Frank	188	8-12-11
Radford, James	Bellevue	200	22- 7-12
Rae, John	Coleman	242	31- 7-13
Rankin, William	Hosmer, B.C.	4	28-11-13

LIST OF NAMES OF HOLDERS OF THIRD CLASS CERTIFICATES.—*Cont'd.*

Name	Address	Cert. No.	Date of Issue
Rebar, Mike	Hardieville	19	18- 3-14
Rees, Daniel	Bellevue	56	27-11-14
Russell, Arthur	Standard	59	5-12-14
Russell, John	Ardley	67	20- 1-15
Rees, Gomer	Beverly	96	12-10-15
Robinson, Edward	Drumheller	101	20-10-15
Roberts, David O.	Wayne	106	7- 7-16
Robert, David C.	Coleman	113	10- 7-16
Randall, David	Coleman	191	10-10-17
Reid, Edward	Drumheller	206	1- 6-18
Redpath, James	Wayne	208	1- 6-18
Reid, Samuel	Brule Mines P.O.	211	1- 6-18
Richards, Edward	Drumheller	271	26- 6-19
Rollingson, John	Lethbridge	280	26- 6-19
Ruscoe, Richard	Halkirk	282	26- 6-19
Roberts, Evan	Wayne	318	26- 7-20
Royle, Edward	Hillcrest	323	26- 7-20
Robertson, W. J.	Coalhurst	333	26- 7-20
Rappel, Thomas	Rosedale	337	26- 7-20
Rappel, A. J.	Calgary	355	26- 7-20
Richards, John C.	Coleman	386	1- 8-21
Richards, Thomas	Wayne	392	1- 8-21
Rees, William H.	Lethbridge	435	29- 8-21
Rowley, Arthur	Calgary	455	31- 7-22
Ridgeway, Leonard J.	Coalhurst	457	31- 7-22
Roberts, Robert	Wayne	464	31- 7-22
Richards, Harold	Hillcrest	484	1- 8-22
Roberts, Lemuel	Wayne	488	1- 8-22
Scott, Robert	Lethbridge	6	19-12-98
Scott, Hugh	Lethbridge (Deceased)	8	5- 6-99
Sedlock, Joseph	Canmore	22	25- 6-03
Smith, Robert	Canmore	32	5-12-04
Smith, Hugh	Bellevue	35	5-12-04
Stott, John	Lethbridge	38	23-12-04
Spencer, W. J.	Bankhead	51	6- 7-05
Salmond, James M.	Bankhead	6	20-12-05
Sparrow, Edwin	Tawatinaw	2	20-12-05
Smith, Ralph	Canmore	3	30- 5-06
Singleton, Robert	Lundbreck	47	29- 5-08
Schmidt, O. P.	Edmonton	44	1- 2-08
Sihvon, William	Bellevue	27	17- 5-07
Scott, Andrew N.	Mountain Park	28	23- 5-07
Smith, A. J. P.	Bellevue	103	21- 2-10
Shaw, Thomas J.	Luscar	113	3- 6-10
Scott, Alexander	Pocahontas	185	28-11-11
Sherratt, Sr., Owen	Coleman	199	13- 7-12
Smith, Thomas	Hillcrest	216	1-11-12
Stobbs, Joseph	Diamond City	217	5-11-12
Shaw, Eli	Canmore	229	30-14-13
Stephenson, Thomas	Bellevue	230	7- 4-13
Stott, John	Lethbridge	231	7- 4-13
Stephenson, Joseph	Commerce	232	30- 4-13
Sandino, Joe	Wayne	238	31- 7-13
Steele, John W.	Lethbridge	17	16- 3-14
Severns, Mathew	Strathcona	42	8- 9-14
Spencer, Murray A.	Brule Mines P.O.	43	18- 9-14
Snarey, George	Beynon	62	5-12-14
Sinclair, James	Drumheller	68	22- 1-15
Smith, John	Blairmore	94	1- 9-15
Smith, T. Edwin	Montana	130	26- 7-16
Strickland, William	Evansburg	145	5- 7-17
Stratton, James M.	Taber	181	25- 7-17
Steen, Herman	Hanna	277	26- 6-19
Scott, Frederick G.	Nordegg	287	2- 9-19

LIST OF NAMES OF HOLDERS OF THIRD CLASS CERTIFICATES.—*Cont'd.*

Name	Address	Cert. No.	Date of Issue
Sippell, Joseph	Drumheller (Deceased)	295	1-12-19
Stewart, James	Lethbridge	305	26- 7-20
Smith, Thomas	Coleman	307	26- 7-20
Saunt, James	Drumheller	309	26- 7-20
Steele, Francis M.	Calgary	319	26- 7-20
Stratton, A. T.	Medicine Hat	351	26- 7-20
Serrie, John	Taber	353	26- 7-20
Sutherland, Edward S.	Beverly	395	1- 8-21
Scott, Robert	Mountain Park	399	1- 8-21
Shaw, William G.	Nordegg	409	1- 8-21
Shaw, Joseph H.	Nordegg	416	1- 8-21
Shaw, John H.	Nordegg	426	1- 8-21
Stene, David	Edmonton	430	29- 8-21
Strachan, John	Fernie, B.C.	437	29- 8-21
Sneddon, Thomas	Taber	444	3- 4-22
Shepherd, George	Wayne	477	1- 8-22
Speager, Pete A.	Calgary	489	1- 9-22
Taylor, William	Lethbridge	10	16- 4-01
Turner, Samuel H.	Frank	21	25- 6-03
Thomas, David	Bankhead (Deceased)	31	5-12-04
Teppo, Herman	Bellevue (Deceased)	19	3- 1-07
Thompson, Thomas	Lundbreck	16	3- 1-07
Tonge, Thomas	Lundbreck	5	30- 5-06
Taylor, Thomas	Lundbreck (Deceased)	30	23- 5-07
Thomas, John J.	Frank	74	21- 4-09
Thompson, Thomas	Coleman	93	29-11-09
Thomas, Joseph D.	Aerial	81	25- 8-09
Thomson, Thomas W.	Bankhead	161	17-11-11
Thompson, Joseph	Coleman	165	17-11-11
Thomas, Isaac	Coleman	204	27- 7-12
Tully, Thomas	Fernie, B.C.	215	1-11-12
Turner, William	Hillcrest	244	31- 7-13
Thomas, John B.	Edmonton	46	19-11-14
Thomson, Roger A.	Lovett	66	22-12-14
Thomson, David	Lovett	82	19- 8-15
Tennant, Robert	Lethbridge	84	19- 8-15
Troman, Samuel	Lethbridge	87	26- 8-15
Turner, Leonard	Fernie, B.C.	125	19- 7-16
Thom, George	Edmonton	142	12-12-16
Tennant, John	Lethbridge	165	10- 7-17
Terris, Andrew	Nordegg	170	17- 7-17
Tennant, William G.	Lethbridge	228	8- 6-18
Tisdale, James R.	Saunders	231	8- 6-18
Thomason, Charles	Michel, B.C.	234	14- 6-18
Talbot, William	Drumheller	235	22- 6-18
Thomson, James	Beverly	425	1- 8-21
Terris, Chapen	Saunders	429	1- 8-21
Thomson, George H.	Lethbridge	433	29- 8-21
Thompson, Andrew	Aerial	267	26- 6-19
Thackray, Fred	Taber	281	26- 6-19
Travis, Joseph	Bankhead	303	26- 7-20
Thornhill, John E.	Coalhurst	482	1- 8-22
Tannucci, Joseph	Nordegg	485	1- 8-22
Utley, Frederick W.	Bellevue	250	26- 6-19
Vola, Serafino	Canmore	63	1- 2-09
Vaselenak, Michael P.	Lethbridge	159	10- 7-17
Vickers, William A.	Taber	443	10- 3-22
Villard, Henry	Wayne	450	31- 7-22
Watkins, W. Ed.	Champion	1	14-11-98
Wilson, John	Canmore	2	15-11-98
Watkins, John W.	Canmore	3	15-11-98
Waite, Archibald	Taber	11	6- 7-03
Webb, James F.	Canmore	42	8- 4-05
Wilson, William G.	Canmore	3	20-12-05

LIST OF NAMES OF HOLDERS OF THIRD CLASS CERTIFICATES.—*Cont'd.*

Name	Address	Cert. No.	Date of Issue
Watters, John	Bankhead	5	20-12-05
Wright, John S.	Canmore (Deceased)	12	3- 1-07
Welsh, W. R.	Ardley	9	3- 1-07
Wrigley, Walter	Cadomin	37	10- 1-08
Willmott, William	Canmore	38	10- 1-08
Watters, A. G.	Bankhead	49	29- 5-08
Weston, Thomas	Strathcona	73	7- 4-09
White, Harry	Hillcrest	90	29-11-09
Williams, Walter E.	Edmonton	213	31-10-12
Williams, John J.	Edmonton	223	25-11-12
Whitefield, Isaac	Coalhurst	15	10- 3-14
Williams, John T.	Bellevue	33	23- 5-14
Wesledge, William	Nanaimo, B.C.	58	5-12-14
Wardrop, James	Georgetown	72	16- 2-15
Worthington, Thomas ..	Lethbridge	92	1- 9-15
Wallwork, William	Taber	118	10- 7-16
Watkins, James M.	Taber	128	26- 7-16
Williams, Albert	Brule Mines	138	25- 9-16
Wilcox, William J.	Brule Mines	140	11-11-16
Willetts, Frederick	Lethbridge	162	10- 7-17
Wilson, Alexander	Drumheller	169	17- 7-17
Wolstoncroft, Robert ..	Commerce	175	17- 7-17
Watson, Adam G.	Calgary	215	1- 6-18
Wheatcroft, Fred, Jr. ..	Drumheller	225	8- 6-18
White, John M.	Lethbridge	233	14- 6-18
Warren, Michael	Canmore	304	26- 7-20
Womersley, Alfred	Redcliff	316	26- 7-20
Wright, S. P. T.	Coalhurst	336	26- 7-20
Walker, H. M.	Bellevue	368	26- 7-20
Watson, James	Edmonton	378	1- 8-21
Woolett, Charles	Edmonton	379	1- 8-21
Walker, Charles C.	Wayne	385	1- 8-21
White, William	Hillcrest	388	1- 8-21
White, Alfred	Hillcrest	389	1- 8-21
Wheatcroft, George L. ..	Wayne	394	1- 8-21
Wilkie, John	Sheerness	405	1- 8-21
White, Robert	Nordegg	411	1- 8-21
White, William	Coleman	427	1- 8-21
Whyte, William	Lethbridge	446	16- 6-22
Williamson, John B.	Cadomin	473	31- 7-22
Young, Thomas	Taber	57	11- 1-09
Young, Samuel	Cardiff	101	18- 1-10
Zak, Albert	Commerce	324	26- 7-20

LIST OF NAMES OF HOLDERS OF MINE SURVEYORS' CERTIFICATES
GRANTED BY THE GOVERNMENT OF THE PROVINCE OF
ALBERTA TO DECEMBER 31, 1922.

Name	Address	Cert. No.	Date of Issue
Aspinall, Francis	Midlandvale	1	7- 8-15
Adam, William A.	Lethbridge	40	21- 8-15
Ashburner, Edward	Crows Nest Pass	79	1- 9-15
Allen, Peter	Wayne	109	23-11-15
Brown, John	Calgary	30	20- 8-15
Billington, Edward E.	England	42	23- 8-15
Bilterynt, Jean	Taber	73	1- 9-15
Black, Ernest D.	England	75	1- 9-15
Baxter, Andrew W.	Calgary	119	23-11-15
Brown, Hugh R.	Wayne	125	10- 7-16
Brown, Thomas	Edmonton	133	17-11-17
Coulthard, Robert W.	Toronto, Ont.	20	7- 8-15
Church, James A. H.	Edmonton	21	7- 8-15
Charlesworth, Lionel C.	Edmonton	22	7- 8-15
Callander, Ira C.	Virginia, U.S.A. (Deceased)	39	21- 8-15
Charbonnier, Jules	Blairmore	72	1- 9-15
Cote, Jean L.	Edmonton	80	1- 9-15
Cautley, Reginald H.	Edmonton	81	1- 9-15
Crowder, James	Blairmore	111	23-11-15
Cook, Arnold D.	Calgary	113	23-11-15
Cumming, Charles H.	Brule Mines	135	3- 7-18
Crowder, Harry	Drumheller	152	26- 7-20
Congdon, Milton H.	Blairmore	157	1- 8-21
Clement, Adolph L.	Cadomin	158	1- 8-21
Cameron, Alan E.	Edmonton	154	26- 7-20
Davidson, William A.	Rosedale	7	7- 8-15
Drinnan, Robert G.	Edmonton	8	7- 8-15
DeHart, Joseph B.	Cadomin	45	23- 8-15
Dougall, Ralph	Bankhead (Deceased)	49	23- 8-15
Drummond, Leonard E.	Edmonton	51	23- 8-15
Dunn, Alex. C.	Edmonton	55	23- 8-15
Darbyshire, James	Edmonton	69	1- 9-15
Duggan, William H.	Foothills	84	1- 9-15
Driscoll, Alfred	Edmonton	91	7- 9-15
Dennis, Frederick W.	England	100	9- 9-15
Davis, Alfred	Lethbridge	114	23-11-15
Daniell, G. W. B.	Nanaimo, B.C.	126	10- 7-16
Donaldson, C. S.	Lethbridge	151	26- 7-20
Dewis, Clifford S.	Canmore	162	1- 8-22
Elliott, Edward P.	Pocahontas	33	20- 8-15
Ellis, William	Three Hills	94	7- 9-15
Evans, Daniel	Vancouver, B.C.	123	29-12-15
Elliott, G. R.	Canmore	150	26- 7-20
Fraser, Norman	Edmonton	15	7- 8-15
Foot, Robert G.	Coleman	54	23- 8-15
Finnie, Oswald S.	Ottawa	57	23- 8-15
Flint, William G.	Edmonton	76	1- 9-15
Fortner, Edward	United States	83	1- 9-15
Fraser, Alan T.	Edmonton (Deceased)	121	18-11-15
Green, Raoul	Blairmore	70	1- 9-15
Gallon, Emile	France	89	7- 9-15
Gray, David	Washington, U.S.A.	110	23-11-15
Gheur, Ernest	Nordegg (Deceased)	129	22- 2-17
Hutchison, David	Hillcrest	29	20- 8-15
Huntrods, Eustace S. F.	Taber	34	20- 8-15
Holden, James O. E.	Drumheller	46	23- 8-15
Hardie, W. D. L.	Lethbridge	50	23- 8-15
Hargreaves, James	Victoria, B.C.	52	23- 8-15
Hamilton, James F.	Lethbridge	67	1- 9-15
Henderson, Thomas R.	Tofield	56	23- 8-15
Hutchison, William	Hillcrest	68	1- 9-15
Hamilton, Robert	Three Hills	74	1- 9-15

LIST OF NAMES OF HOLDERS OF MINE SURVEYORS' CERTIFICATES.
—Continued.

Name	Address	Cert. No.	Date of Issue
Horne, Thomas	Edson	82	1- 9-15
Harrison, Stephen	Lethbridge (Deceased)	85	1- 9-15
Hyde, Marcus L.	Vancouver, B.C.	95	7- 9-15
Hamilton, William L.	Winnipeg, Man.	117	23-11-15
Hamilton, Allan	Blairmore	131	7- 7-17
Hall, William E. G.	Coleman	143	2- 7-19
Hetherington, William B.	Luscar	144	9- 7-19
Higgins, Alexander	Three Hills	145	15- 7-19
Hunter, Alexander B.	Wabamun	156	1- 8-21
Howells, Nathaniel	Lethbridge	160	3-11-21
Jones, Samuel A.	Nanaimo, B.C.	26	19- 8-15
Jones, David	Edmonton	32	20- 8-15
Johnson, Moses	Commerce	130	7- 7-17
Kellett, Walton	Lethbridge (Deceased)	47	9- 9-15
Knight, Richard R.	Edmonton	96	23-11-15
Kellock, George	Coleman	105	23-11-15
Knight, Sidney	Edmonton	123	3-12-15
Kidd, Gordon L. S.	Drumheller	132	10-10-17
Livingstone, Robert	Lethbridge	9	7- 8-15
Lee, Robert J.	Estevan, Sask.	64	1- 9-15
Lavoie, Germain A.	United States	44	23- 8-15
Lyster, Horace M.	Toronto, Ont.	77	1- 9-15
Leblanc, Emile	Taber	107	23-11-15
Lindoe, Luke	Bellevue	136	3- 7-18
Lewis, John W.	Mountain Park	159	10-10-21
Morris, James J.	Canmore (Deceased)	14	7- 8-15
Morris, Robert H.	Virginia, U.S.A.	17	7- 8-15
Milne, Morgan C.	Virginia, U.S.A.	78	1- 9-15
Mills, Harry W.	Victoria, B.C.	92	7- 9-15
Maxwell, William	Westville, N.S.	93	7- 9-15
Millar, Andrew A.	Taylornton, Sask.	97	9- 9-15
Meldrum, William	Lethbridge	98	9- 9-15
Moodie, Kenneth S.	Drumheller	101	9- 9-15
Marshall, John W.	Evansburg	106	23-11-15
Marsh, John	Lethbridge	124	4- 4-16
Morgan, O.	Blairmore	148	26- 7-20
Moore, H. D.	Nordegg	149	26- 7-20
McNeill, Walter F.	Calgary	6	7- 8-15
McLeod, John A.	Evansburg	35	20- 8-15
McLenhan, John A.	Dinant	37	21- 8-15
Macaulay, Angus G.	Midlandvale	41	23- 8-15
Macaulay, D. A.	Drumheller	60	31- 8-15
McCulloch, James	Drumheller	104	23-11-15
McDonald, Duncan	Drumheller	118	23-11-15
McVicar, Samuel	Three Hills (Deceased)	120	23-11-15
McDonald, John R.	Edmonton	128	22- 2-17
O'Donnell, Thomas	Rosedale	102	9- 9-15
Pitcher, Norman C.	Edmonton	10	7- 8-15
Parker, John I.	Lundbreck	11	7- 8-15
Pickles, William	Luscar	24	18- 8-15
Puckett, Owen L.	Lovettville	31	20- 8-15
Ponton, Gerald M.	Calgary	63	1- 9-15
Piard, Marc	Bellevue	88	7- 9-15
Powell, Albert E.	Nakusp	108	23-11-15
Quigley, Daniel H.	Coalhurst	142	2- 7-19
Reid, John C.	Oklahoma, U.S.A.	12	7- 8-15
Richards, James A.	Edmonton	13	7- 8-15
Robertson, John D.	Edmonton	23	7- 8-15
Richards, Charles C.	Calgary	43	23- 8-15
Robertson, John	Big Valley	61	1- 9-15
Reid, Adam H.	Oklahoma, U.S.A.	62	1- 9-15
Robert, Louis P.	Bellevue	65	1- 9-15
Raisbeck, Luke	Delia	103	23-11-15

LIST OF NAMES OF HOLDERS OF MINE SURVEYORS' CERTIFICATES.
—Continued.

Name	Address	Cert. No.	Date of Issue
Ritchie, David W.	Edmonton	134	28- 6-18
Robinson, William E.	Coleman	139	11- 7-18
Riddell, John G.	Coleman	147	26- 7-21
Stockett, Lewis	Calgary	2	7- 8-15
Smith, Frank B.	Edmonton (Deceased)	3	7- 8-15
Stirling, John T.	Edmonton	19	7- 8-15
Shaw, William	Edmonton (Deceased)	25	19- 8-15
Scott, Andrew N.	Mountain Park	36	20- 8-15
Shanks, John	Nordegg	58	28- 8-15
Stevenson, Jr., William ..	Hillcrest	59	31- 8-15
Stevens, Leonard C.	Edmonton	66	19- 5-15
Sutherland, Clyde C.	Edmonton	86	3- 9-15
Stevenson, John	Scotland	116	23-11-15
Sherwin, Paul M.	Frank	127	22- 1-17
Smith, Thomas E.	Montana	137	3- 7-18
Steele, Francis M.	Calgary	146	23- 3-20
Sparks, Harry E.	Brule	155	1- 8-21
Shanks, David	Calgary	162	3- 4-22
Thornton, Norman M.	Edmonton (Deceased)	16	7- 8-15
Thorne, Benjamin L.	Calgary	18	7- 8-15
Thomas, Joseph D.	Aerial	115	23-11-15
Turner, John H.	Coalhurst	141	2- 7-19
Wain, W. Holt	Canmore (Deceased)	4	7- 8-15
Wilson, David G.	Bankhead	5	7- 8-15
Whiteside, O. E. S.	Coleman	27	19- 8-15
Williams, Arthur E.	Saunders	38	21- 8-15
Williams, Thomas B.	Madison, Wis.	48	23- 8-15
Watson, Ronald H.	Scotland	53	23- 8-15
Williams, W. P.	Bellevue (Deceased)	71	1- 9-15
Watters, John	Bankhead	87	3- 9-15
Wilson, W. R.	Fernie, B.C.	90	7- 9-15
Wark, Samuel D.	Sointula, B.C.	99	9- 9-15
Wheeler, James S.	Calgary	112	23-11-15
Wright, Edwin	Fernie, B.C.	138	11- 7-18
Young, W. H.	Calgary (Deceased)	28	19- 8-15

Certificates issued previous to September 1st, 1905, were issued under the provisions of The Coal Mines Regulation Ordinance of the North-West Territories.

Certificates issued between September 1st, 1905, and May 9th, 1906, were issued under the provisions of The Coal Mines Ordinance of the North-West Territories.

Certificates issued between May 9th, 1906, and August 1st, 1913, were issued under the provisions of The Coal Mines Act of the Province of Alberta.

Certificates issued since August 1st, 1913, were issued under the provisions of The Mines Act of the Province of Alberta.

OUTSIDE DAY WAGES

The following is the general wage schedule paid at December 31st, 1922.

Occupation	Per Day
Bottom Men	\$7.08
Slate Pickers (Boys)	4.03
Slate Pickers (Men)	6.58
Car-oilers (Men)	6.58
Car-oilers (Boys)	4.40
Tally Boys	4.03
Teamsters	7.08
Blacksmiths	8.14
Blacksmiths' Helpers	7.09
Carpenters	8.14
Carpenters' Helpers	7.09
Power House Engineers	\$7.61 to 8.32
Hoisting Engineers	7.39 to 8.05
Fan Men	6.58
Incline Engineers	7.61
Tail Rope Engineers	7.88
Endless Rope Engineers	7.50
Box Car Loaders' Engineers	7.61
Tipple Engineers	7.61
Screen Engine Tender	6.76
Locomotive Engineer	7.61
Locomotive Switchman	7.20
Firemen	7.08
Fireman's Helper	6.76
Water Tender	6.71
Railway Car Handler	6.70
Tipple-dumper (Man)	7.08
Tipple dumpers' Helpers	6.75
Tipple-dumper (Boy)	4.40
Top Cagers	6.75
Car Repairer	7.61
Car Repairer's Helper	7.09
Breaker Engineer	7.61
Lampman	\$6.58 to 8.14
Machinists	7.61 to 8.14
Machinist's Helper	7.09
Ashman	6.58
Wiper (Man)	6.58
Coupler (Man)	6.58
Coupler (Boy)	4.40
Breaker Oiler	6.71
Washer or Tipple Oiler	6.71
Breaker Picker Boss	7.08
Timber-framer	7.61
Timber-sawyer	6.75
Box-car Shoveller	7.08
Breaker Platform Boss	7.08
Breaker Platform Men	6.70
Breaker Screen Men	6.58
Rock-bank Men	6.58
Dirt-bank Men	6.58
Fan-Fireman	6.85
Stableman	6.58
Finisher after Box-car Loader	6.58
Motor Truck Driver	7.61
All other Labor Not Classified	6.58

BEE HIVE COKE OVENS

Steam Locomotive Engineers	7.61
Motorman	7.35
Lorryman	6.58
Plasterers	6.58
Carters and Cleaners	6.58
All other Labor	6.58

OUTSIDE DAY WAGES.—*Continued.*

BELGIAN COKE OVENS

Occupation	Per Day
Ram Engine Men	\$7.61
Chargers	7.08
Clayers	7.08
Drawers	7.08
Loaders	6.70

BRIQUETTING PLANT

Engineer	7.61
Briquetter	7.74
Tar Melter	6.89
Laborers	6.58
Oiler	7.08

INSIDE DAY WAGES

Shot Lighter	\$7.50
Bratticemen	7.50
Bratticeman's Helper	6.89
Timberman	7.50
Timberman's Helper	6.89
Tracklayers	7.50
Tracklayer's Helper	6.89
Motorman	7.21
Motorman's Helper	6.89
Locomotive Engineer	7.21
Locomotive Switchman	6.89
Drivers	7.21
Drivers (Spike Team)	7.73
Couplers (Men)	6.89
Couplers (Boys)	4.40
Switch Boys	\$4.03 to 4.40
Door Boys	3.69
Fan Boys	3.69 to 4.40
Rope Riders	7.21
Main and Tail Rope Riders	7.50
Pushers	6.89
Buckers	6.89
Loaders	6.89
Miners	7.50
Rock Miners	8.02
Timber Handlers	7.21
Cagers, Slope and Incline	6.80
Cagers, Shaft	7.50
Machineman (Air)	8.02
Machineman (Electric)	9.42
Machineman's Helper (Air)	7.50
Machineman's Helper (Electric)	7.62
Pumpmen	6.89
Pumpmen (Galt Mines)	7.39
Hoistmen	\$7.21 to 7.50
Drivers (Boys)	4.40 to 5.74
Grippers	6.89
Grippers (Boys)	4.40 to 5.74
Pipe Fitters' Helpers	6.89
Pick Carriers	4.03 to 5.74
Clutchmen	7.50
Rollermen	6.89
All other Labor Not Classified	6.89

Average wages earned by contract miners per shift of eight hours,
from \$9.20 to \$9.82.

Date Due

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